# YANDAL EXPLORATION UPDATE

## MULTIPLE NEW GOLD ZONES AT NORTH ORELIA & DRILLING TO COMMENCE AT BRONZEWING SOUTH

**ASX RELEASE**
25 August 2021

**DIRECTORS / MANAGEMENT**

**Russell Davis**
Chairman

**Daniel Thomas**
Managing Director

**Ziggy Lubieniecki**
Non-Executive Director

**David Church**
Non–Executive Director

**Mark Pitts**
Company Secretary

**Mark Whittle**
Chief Operating Officer

**CAPITAL STRUCTURE**

**ASX Code: HMX**

| | |
|---|---|
| Share Price (24/08/2021) | $0.09 |
| Shares on Issue | 813m |
| Market Cap | $73m |
| Options Unlisted | 27m |
| Performance Rights | 6.5m |



### NORTH ORELIA

- Assay results received for a 9,700m, 309-hole aircore drilling program at the 100% owned North Orelia Project
- This program, partly funded by a WA Government EIS grant, tested Targets 2, 3 and 4 in addition to the Eastern Granite Target. Significant results include:
  - **Target 4 - 16m @ 0.47g/t Au** from 52m**,** including **4m @ 0.84g/t Au from 56m** in BWSAC0585 and 8m @ 0.35g/t Au from 72m in BWSAC0828; and
  - **Target 3 – 4m @ 0.55g/t Au from 24m** in BWSAC0653 and 4m @ 0.52g/t Au from 32m in BWSAC0638A
- **Multiple holes at separate targets finished in anomalous zones of gold mineralisation** – including;
  - **Target 4 –** 0.32g/t Au from 56m in BWSAC0839;
  - **Eastern Granite** - 0.16g/t Au from 47m in BWSAC0674, 0.11g/t Au from 32m BWSAC0621 and 0.1g/t Au from 30m in BWSAC0622; and
  - **Target 3** – 0.15g/Au from 8m in BWSAC0736, 0.11g/t Au from 14m in BWSA0800, and 0.12g/t Au from 45m BWSAC0640
- A zone of anomalous Zinc mineralisation of up to 70m in width associated with sulphidic shale units was confirmed at Target 4

### BRONZEWING SOUTH

- **Reverse Circulation drilling program within 300m of the Bronzewing Gold Mine Discovery Pit scheduled to commence in September**
- Detailed gravity survey has been completed over the Bronzewing South Project to aid in the targeting of cross cutting structures
- Utilising Hammer's evolving geological model for the area, three main untested priority targets have been identified

***Figure 1.*** *North Orelia Air Core Drilling*

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**Hammer's Managing Director, Daniel Thomas said:**

*"Our activities in the Yandal continue to focus on high potential gold exploration targets. Our air core program in the Yandal region earlier this year has provided the Company with several new discrete anomalous zones for future exploration.*

*The further refinement of our exploration model for the Bronzewing South prospect through the completion of high-resolution gravity surveys confirm several target zones directly south of the original Bronzewing gold pits. These targets remain untested at depth yet sit in a favourable structural corridor with several attractive geophysical attributes. There are very few opportunities in modern exploration to explore directly adjacent to a former 3MOz gold mine. The company remains focussed on testing the most prospective copper and gold targets in the portfolio."*

**Hammer Metals Ltd** (**ASX:HMX**) ("**Hammer**" or the "**Company**") is pleased to advise that drilling has been completed and results received for a 9768m, 308 hole air core program to test previously undrilled targets on the Orelia trend. (see Figures 1 and 2).

Hammer Metals also completed a 50m spaced detailed gravity survey at the Bronzewing South tenement immediately south of the Bronzewing Deposit. The survey assisted in defining the structural framework and refining our exploration model for this prospective trend. The highest priority target will be tested in an upcoming program of reverse circulation drilling.

***North Orelia***

Four prospects were tested as part of the recently completed aircore program, highlighting several anomalous zones that warrant follow-up exploration.

***Target 2***

The northern portion of Target 2 was tested by 47 holes for 745m. This drilling targeted the southern margin of a fractionated granite. The best result from this target was 4m at 0.19g/t Au from 8m in BWSAC0794 which was overlain by a plus 5ppb Au-in-soil anomaly. The target area is significant as granite margins can provide prospective structural positions for gold mineralisation such as Northern Star's Julius Deposit 60km to the north.

***Target 3***

Drilling at Target 3 extended the strike length of known mineralisation up to 3.2km. The 76 holes (2418m) targeted a shear zone with significant intercepts of:

- 4m at 0.52g/t Au from 32m in BWSAC0638A;
- 8m at 0.21g/t Au from 40m in BWSAC0641; and
- 4m at 0.55g/t Au from 24m in BWSAC0653.

The zone is located on the eastern margin of the Orelia mineralisation trend and is associated with elevated Arsenic, Antimony and Tellurium. Drilling at three holes at Target 3 finished in anomalous zones of gold mineralisation – including;

- 0.15g/Au from 8m in BWSAC0736, 0.11g/t Au from 14m in BWSA0800, and 0.12g/t Au from 45m BWSAC0640

***Target 4***

Target 4 is located immediately along strike to the north of Northern Star's Orelia Deposit. Mineralisation encountered to date within this target is often associated with sulphidic shale units which contain an anomalous Zinc zone of up to 70m in width and up to 1.2km in length (with maximum downhole individual analyses of 6520ppm Zinc, 38.2% Sulphur, elevated Cu and Pb). This zone is located at the boundary between mafic and felsic/intermediate rocks. Significant intercepts include:

- 18m at 0.12g/t Au from 24m in BWSAC0577;
- 16m at 0.47g/t Au from 52m in BWSAC0585;
- 3m at 0.47g/t Au from 52m in BWSAC0818; and
- 8m at 0.35g/t Au from 72mn in BWSAC0828.

Drilling in hole BWSAC0839 finished in an anomalous zone of gold mineralisation - 0.32g/t Au from 56m.

***Eastern Granite***

This target is located partly within a granite bordering the eastern margin of the Orelia trend where soil geochemical sampling had defined a1.1km by 300m gold anomaly. No previously drilling had been conducted over this target. Hammer Metals tested the area with 126 air core holes (3101m). This work was partly funded by a Western Australia Government Exploration Initiative grant.

Significant geochemical intercepts of 8m at 0.12g/t Au from 20m in BWSAC0621 and 4m at 0.15g/t Au from 12m in BWSAC0622 were associated with a north-northwest trending shear zone on the margin of the granite. Both holes terminated in anomalous mineralisation. Shear zones within granites are attractive targets within the Yandal Belt and, in some cases host economic mineralisation such as Northern Star's Ramone Deposit.

***Bronzewing South***

***Gravity***

A detailed gravity survey conducted at a 50m spacing was undertaken to extend the coverage of a previously completed survey across the immediate southern strike extension of the Bronzewing Deposit. (Refer to ASX announcement dated 13 October 2020). The survey has assisted in refining the structural framework and exploration model for the Bronzewing South prospect, outlining five target zones directly south of the original Bronzewing gold pits. These targets remain untested at depth yet sit in a favourable structural corridor with several attractive geophysical attributes.

Two of the five targets were partially tested by a 2020 diamond drilling program (refer to ASX announcement dated 15 January 2021). This initial testing confirmed the location of prospective stratigraphy within the Hammer Metals project area and the presence of altered and mineralised material co-incident with a gravity low

Hammer intends to target the third of these five targets located only 300m south of the Bronzewing deposit in an upcoming reverse circulation drilling program. Drill planning is complete and program organisation is underway for a mid-September mobilisation.

***Yandal Upcoming Work***

In conjunction with the upcoming Reverse Circulation program at Bronzewing South several other work programs are under consideration including:

- Reverse Circulation Drilling planned for the third of five Bronzewing-analogue targets;
- Initiation of field work at Bronzewing North and Harrier project areas including soil sampling and geological mapping; and
- Additional in-fill air core drilling at North Orelia investigating anomalies defined in recently completed program; and
- Review of prospects across the tenement at Kens Bore.

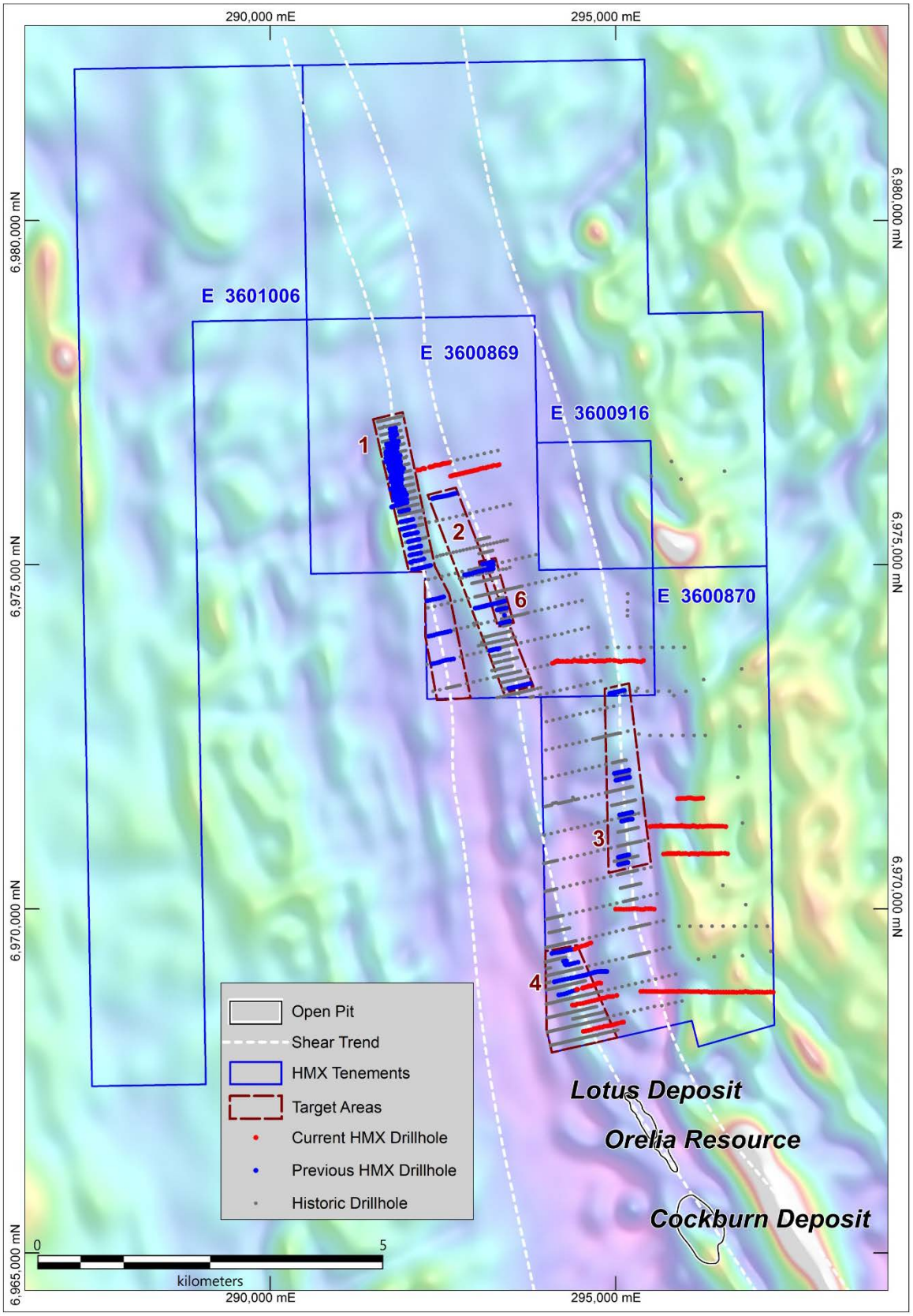


***Figure 2.*** *North Orelia Drilling Locations*

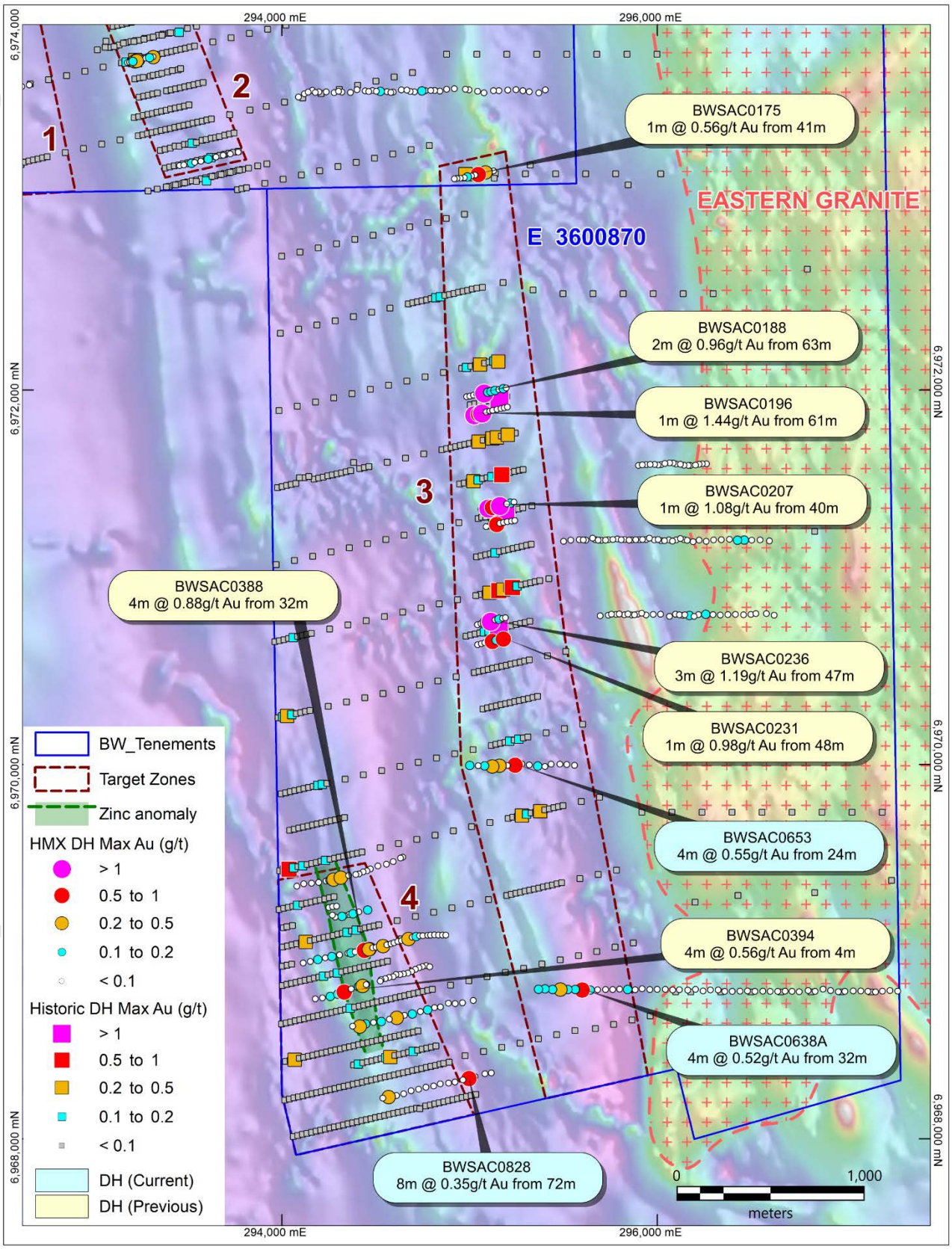


***Figure 3.*** *North Orelia Trend Targets three and four showing significant Hammer Drilling Intercepts (Background image Magnetics)*

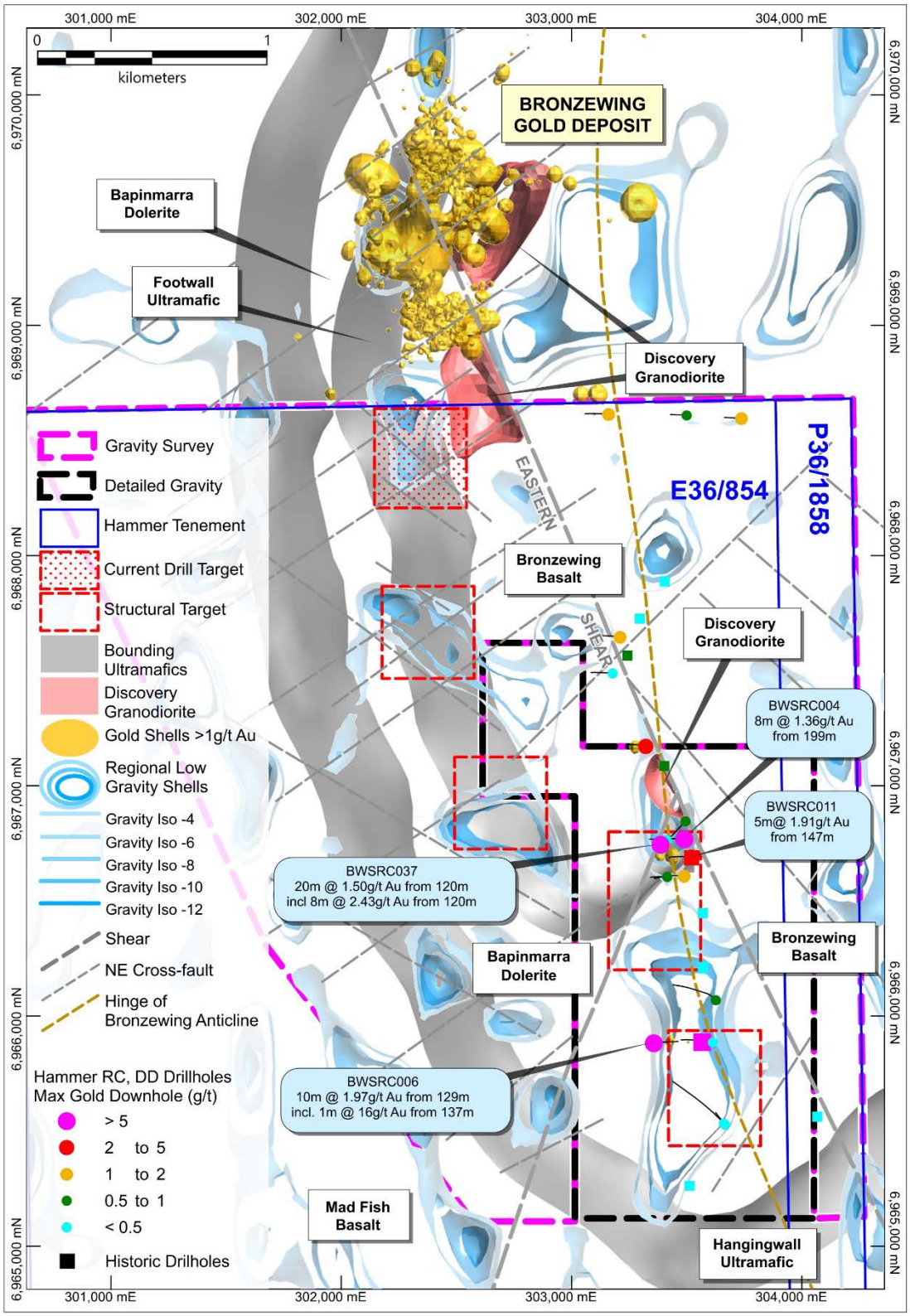


***Figure 4.*** *Bronzewing South area showing Hammer targets*

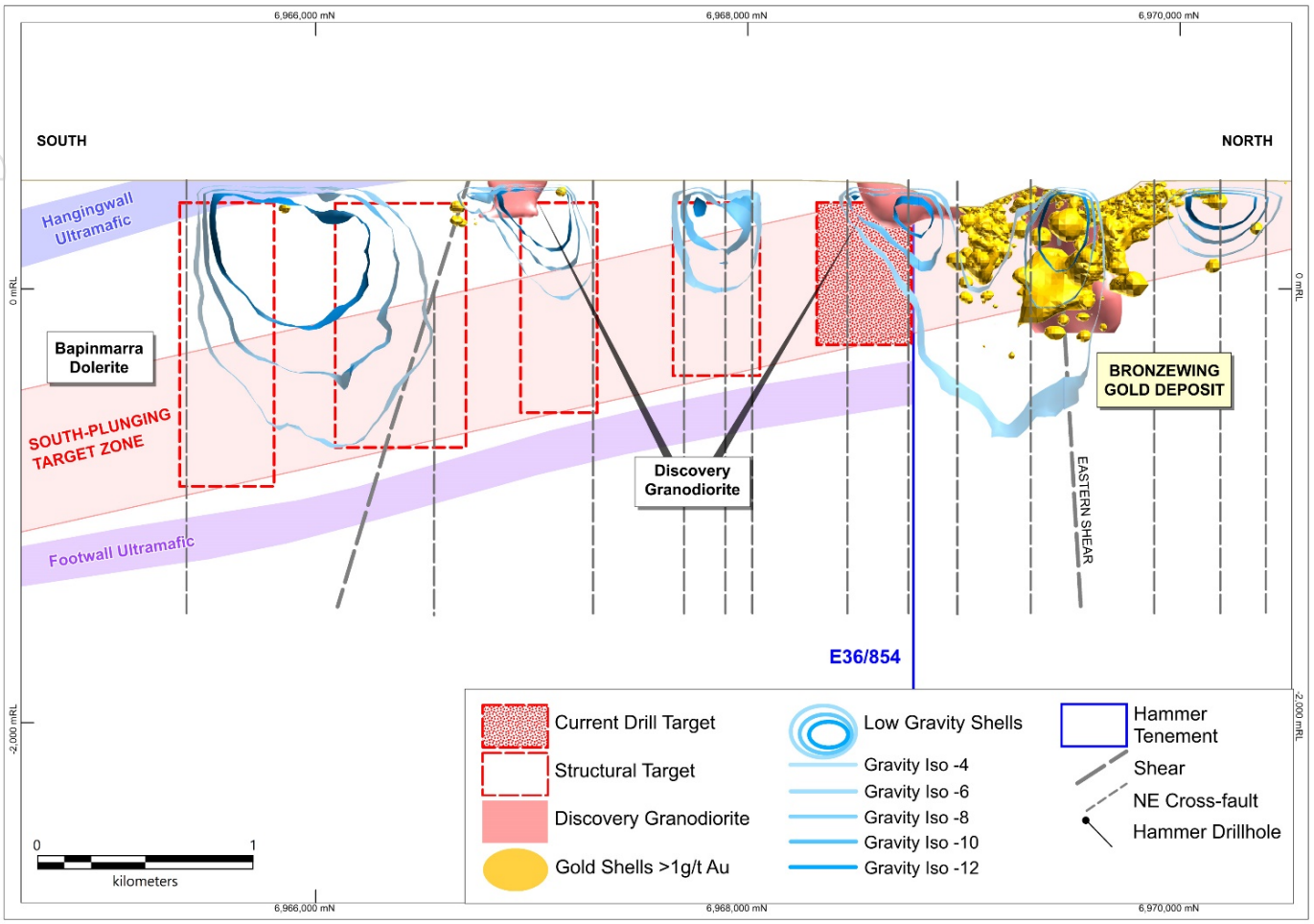


***Figure 5.*** *Long section looking west through the Bronzewing South area showing the five targets identified in the detailed gravity survey. Hammer Metals plan to drill test the most northern anomaly in the next two months.*

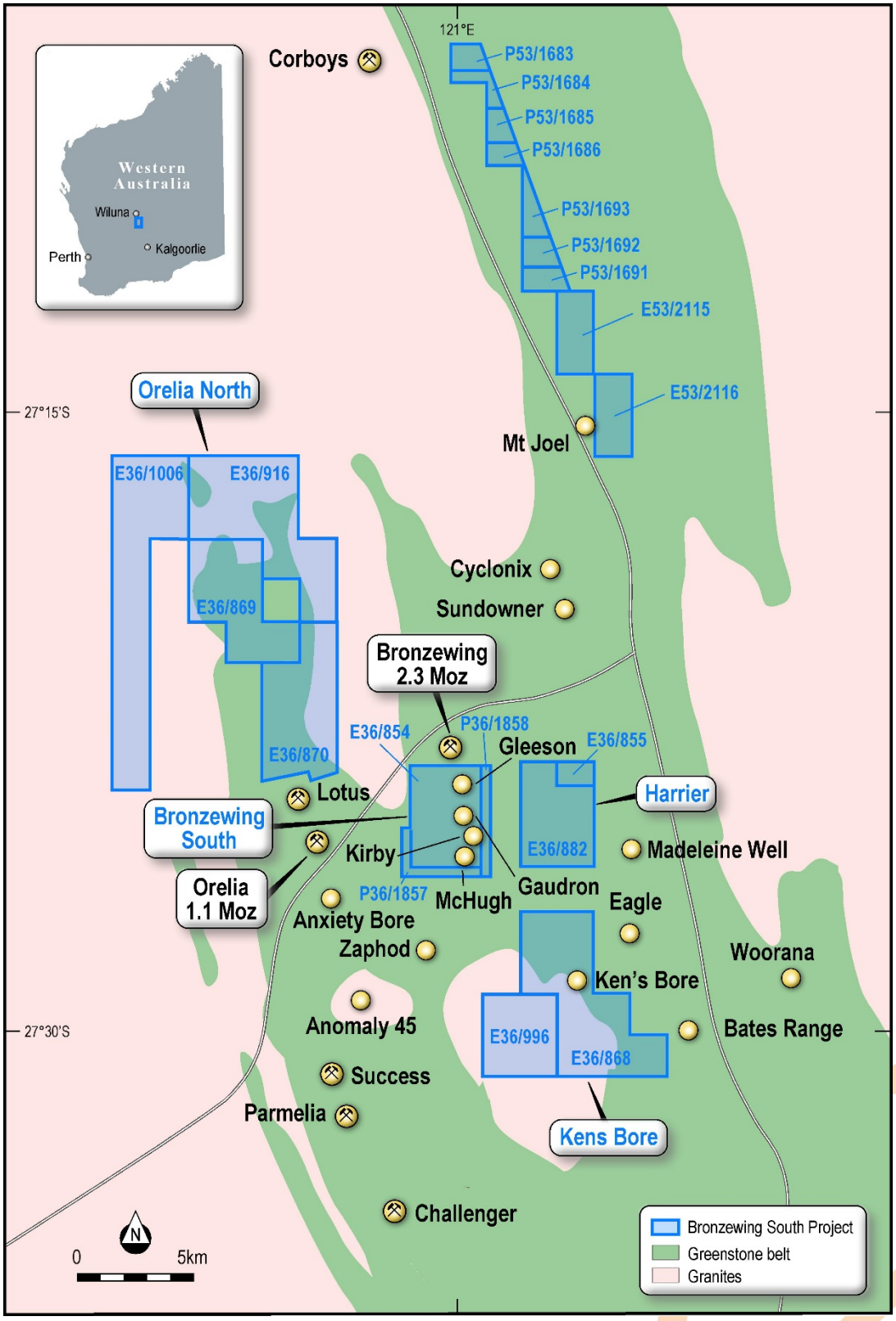


***Figure 6.*** *Hammer Metals Bronzewing South Project Area*

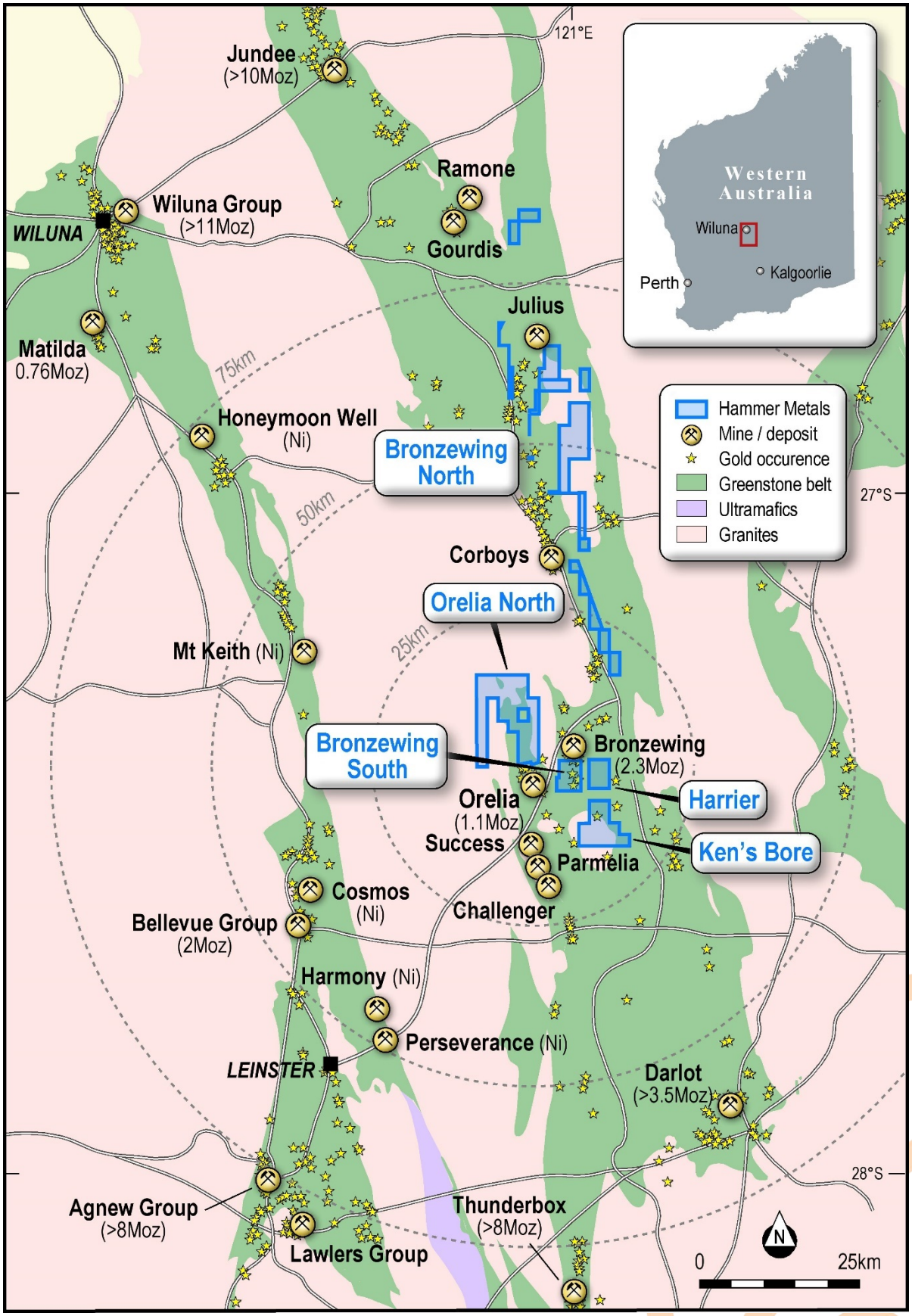


***Figure 7.*** *Hammer Metals Bronzewing South Project Area*

***Table 1.*** *Significant Intercepts utilising a 0.1g/t Au cut-off (A full collar listing is tabulated in Appendix 1)*

| Hammer Metals Limited - Orelia Project - Significant Results utilising a 0.1g/t Au cut-off | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **Target** | **Hole** | **E_GDA94** | **N_GDA94** | **RL** | **TD** | **Dip** | **Az_GDA** | | **From** | **To** | **Width** | **Au g/t*** |
| Target 4 | BWSAC0577 | 294691 | 6968898 | 522 | 50 | -60 | 77 | | 24 | 40 | 16 | 0.12 |
| Target 4 | BWSAC0585 | 294528 | 6968855 | 522 | 72 | -60 | 77 | | 52 | 68 | 16 | 0.47 |
| | | | | | | | | incl. | 56 | 60 | 4 | 0.84 |
| Target 4 | BWSAC0587 | 294632 | 6969505 | 524 | 96 | -60 | 77 | | 56 | 60 | 4 | 0.16 |
| Target 4 | BWSAC0591 | 294471 | 6969446 | 525 | 71 | -60 | 77 | | 60 | 64 | 4 | 0.14 |
| Target 4 | BWSAC0592 | 294453 | 6969436 | 525 | 28 | -60 | 77 | | 0 | 4 | 4 | 0.11 |
| Eastern Granite | BWSAC0621 | 296283 | 6968800 | 518 | 42 | -60 | 90 | | 20 | 28 | 8 | 0.12 |
| | | | | | | | | | 41 | 42 | 1 | 0.11 |
| Eastern Granite | BWSAC0622 | 296243 | 6968794 | 518 | 30 | -60 | 90 | | 12 | 16 | 4 | 0.15 |
| | | | | | | | | | 29 | 30 | 1 | 0.1 |
| Target 3 | BWSAC0632 | 295841 | 6968803 | 520 | 28 | -60 | 90 | | 24 | 27 | 3 | 0.12 |
| Target 3 | BWSAC0637 | 295641 | 6968800 | 521 | 37 | -60 | 90 | | 12 | 16 | 4 | 0.1 |
| Target 3 | BWSAC0638A | 295599 | 6968802 | 521 | 43 | -60 | 90 | | 32 | 36 | 4 | 0.52 |
| Target 3 | BWSAC0639 | 295562 | 6968803 | 522 | 42 | -60 | 90 | | 24 | 28 | 4 | 0.1 |
| Target 3 | BWSAC0640 | 295523 | 6968803 | 522 | 46 | -60 | 90 | | 45 | 46 | 1 | 0.12 |
| Target 3 | BWSAC0641 | 295484 | 6968804 | 522 | 51 | -60 | 90 | | 20 | 24 | 4 | 0.16 |
| | | | | | | | | | 40 | 48 | 8 | 0.21 |
| Target 3 | BWSAC0642 | 295441 | 6968803 | 522 | 48 | -60 | 90 | | 24 | 28 | 4 | 0.13 |
| Target 3 | BWSAC0643 | 295401 | 6968806 | 522 | 48 | -60 | 90 | | 4 | 8 | 4 | 0.14 |
| Target 3 | BWSAC0644 | 295366 | 6968804 | 522 | 54 | -60 | 90 | | 44 | 48 | 4 | 0.15 |
| Target 3 | BWSAC0650 | 295362 | 6969997 | 519 | 42 | -60 | 90 | | 16 | 20 | 4 | 0.16 |
| | | | | | | | | | 40 | 41 | 1 | 0.1 |
| Target 3 | BWSAC0653 | 295241 | 6970003 | 520 | 47 | -60 | 90 | | 8 | 12 | 4 | 0.12 |
| | | | | | | | | | 24 | 28 | 4 | 0.55 |
| | | | | | | | | | 44 | 46 | 2 | 0.1 |
| Target 3 | BWSAC0655 | 295159 | 6970000 | 522 | 65 | -60 | 90 | | 48 | 56 | 8 | 0.25 |
| Target 3 | BWSAC0656 | 295121 | 6969996 | 520 | 60 | -60 | 90 | | 24 | 28 | 4 | 0.25 |
| Target 3 | BWSAC0657 | 295079 | 6969998 | 521 | 60 | -60 | 90 | | 48 | 52 | 4 | 0.1 |
| | | | | | | | | | 59 | 60 | 1 | 0.11 |
| Target 3 | BWSAC0659 | 295000 | 6970000 | 520 | 66 | -60 | 90 | | 0 | 4 | 4 | 0.1 |
| | | | | | | | | | 52 | 56 | 4 | 0.1 |
| Eastern Granite | BWSAC0672 | 296170 | 6970801 | 516 | 18 | -60 | 270 | | 0 | 4 | 4 | 0.11 |
| Eastern Granite | BWSAC0674 | 296257 | 6970807 | 516 | 48 | -60 | 270 | | 47 | 48 | 1 | 0.16 |
| Eastern Granite | BWSAC0687 | 296462 | 6971204 | 517 | 33 | -60 | 90 | | 0 | 4 | 4 | 0.1 |
| Eastern Granite | BWSAC0688 | 296426 | 6971203 | 517 | 38 | -60 | 90 | | 12 | 16 | 4 | 0.13 |
| Target 3 | BWSAC0736 | 294524 | 6973601 | 535 | 12 | -60 | 90 | | 8 | 12 | 4 | 0.15 |
| Target 2 | BWSAC0794 | 292137 | 6976375 | 541 | 32 | -60 | 77 | | 8 | 12 | 4 | 0.19 |
| Target 3 | BWSAC0800 | 294745 | 6973603 | 521 | 15 | -60 | 90 | | 14 | 15 | 1 | 0.11 |
| Target 4 | BWSAC0814 | 294776 | 6968694 | 521 | 57 | -60 | 77 | | 12 | 16 | 4 | 0.1 |
| Target 4 | BWSAC0816 | 294694 | 6968672 | 521 | 37 | -60 | 77 | | 4 | 8 | 4 | 0.1 |
| Target 4 | BWSAC0818 | 294612 | 6968653 | 521 | 56 | -60 | 77 | | 8 | 12 | 4 | 0.2 |
| | | | | | | | | | 52 | 55 | 3 | 0.47 |
| Target 4 | BWSAC0820 | 294529 | 6968631 | 521 | 62 | -60 | 77 | | 44 | 48 | 4 | 0.12 |
| Target 4 | BWSAC0822 | 294445 | 6968619 | 521 | 57 | -60 | 77 | | 12 | 16 | 4 | 0.13 |
| Target 4 | BWSAC0823 | 294415 | 6968606 | 521 | 62 | -60 | 77 | | 8 | 12 | 4 | 0.32 |
| Target 4 | BWSAC0828 | 294996 | 6968329 | 526 | 108 | -60 | 77 | | 72 | 80 | 8 | 0.35 |
| Target 4 | BWSAC0839 | 294568 | 6968229 | 520 | 58 | -60 | 77 | | 56 | 58 | 2 | 0.32 |

**Note**

^ - Average analysis utilised where more than one reading conducted.

Coordinates and azimuth relative to GDA 94 Zone 51. RL Derived from a DGPS.

*This announcement has been authorised for issue by the Board of Hammer Metals Limited in accordance with ASX Listing Rule 15.5.*

For further information please contact:

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**About Hammer Metals**

Hammer Metals Limited (ASX: HMX) holds a 100% interest in the Bronzewing South Gold Project located adjacent to the 2.3 million-ounce Bronzewing gold deposit in the highly endowed Yandal Belt of Western Australia. Hammer holds a strategic tenement position covering approximately 2,200km$^2$ within the Mount Isa mining district, with 100% interests in the Kalman (Cu-Au-Mo-Re) deposit, the Overlander North and Overlander South (Cu-Co) deposits and the Elaine (Cu-Au) deposit. Hammer also has a 51% interest in the emerging Jubilee (Cu-Au) deposit. Hammer is an active mineral explorer, focused on discovering large copper-gold deposits of Ernest Henry style and has a range of prospective targets at various stages of testing.

**Competent Person Statements**

The information in this report as it relates to exploration results and geology was compiled by Mr. Mark Whittle, who is a Fellow of the AusIMM and an employee of the Company. Mr. Whittle, who is a shareholder and option-holder, has sufficient experience which is relevant to the styles of mineralisation and types of deposit under consideration and to the activities 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. Whittle consents to the inclusion in the report of the matters based on the information in the form and context in which it appears.

Where the Company references Mineral Resource Estimates previously announced, it confirms that it is not aware of any new information or data that materially affects the information included in those announcements and all material assumptions and technical parameters underpinning the resource estimates with those announcements continue to apply and have not materially changed.

## Table 1 report – Bronzewing South Project Exploration Update

- This table is to accompany an ASX release updating the market with drilling from areas within the Hammer Metals Limited Bronzewing South Project. 308 Air Core holes were drilled for a total of 9768m.
- Historic exploration data noted in this, and previous releases has been compiled and validated. It is the opinion of Hammer Metals that the exploration data are reliable.

### Section 1 Sampling Techniques and Data

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

| Criteria | JORC Code explanation | Commentary |
|---|---|---|
| ***Sampling techniques*** | *Nature and quality of sampling (eg cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc).*<br><br>*These examples should not be taken as limiting the broad meaning of sampling.*<br>*Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.*<br><br>*Aspects of the determination of mineralisation that are Material to the Public Report.*<br><br>*In cases where 'industry standard' work has been done this would be relatively simple (eg 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay'). In other cases, more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (eg submarine nodules) may warrant disclosure of detailed information.* | • 308 Air Core holes were drilled for a total of 9768m. Significant intercepts from these holes are shown in the text in Table 1. A full collar listing is tabulated in Appendix 1.<br><br>• Drill chip samples were taken at dominantly four metre intervals, with samples being combined from metre intervals. Where mineralisation was anticipated or encountered, the sample length was reduced to 1m with lab submission of the 1m samples.<br><br>• For samples reported herein the average sample weight is 1.58kg and the average sample width was 3.28m.<br><br>• Samples were submitted to SGS in Kalgoorlie for:<br>• Fire Assay with AAS finish for gold.<br>• All samples are being analysed via portable XRF (conducted under laboratory conditions).<br>• Bottom of hole samples were analysed by 4-acid multielement ICP OES and MS,<br><br>• Reanalyses will be conducted as required to investigate element repeatability.<br><br>***GRAVITY SURVEYS***<br>• A 2892-station ground gravity survey was conducted over four areas within the JOGMEC Joint Venture area.<br>• The ground Gravity Survey was initially conducted on 400m centres and then infilled at 200m and 100m centres depending on the response. The gravity survey was undertaken by Atlas Geophysics utilising a Scintrex CG-5 Autograv Gravity meter which has an accuracy of 0.01 mgal. Locations were captured using a VTK, V100, GNSS RTK system. |
| ***Drilling techniques*** | *Drill type (eg core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (eg core diameter,* | • Holes were drilled by Raglan Drilling utilising an in-house designed air core truck-mounted drill rig. |

| Criteria | JORC Code explanation | Commentary |
|---|---|---|
| | *triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc).* | • Holes were drilling using air core technique which uses a blade to produce broken core and large chips. Hard rock was drilled by switching to reverse circulation mode using a face sampling hammer. |
| ***Drill sample recovery*** | *Method of recording and assessing core and chip sample recoveries and results assessed.*<br><br>*Measures taken to maximise sample recovery and ensure representative nature of the samples.*<br><br>*Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.* | • Sample recoveries were generally in excess of 80%. Recovery dropped in the shallow portion of holes and in zones of strong water inflow.<br><br>• In zones where recovery was compromised holes were terminated.<br><br>• No sample recovery bias has been noted.<br><br>*HISTORIC DRILLING*<br>• The reader is referred to HMX ASX releases dated 14 March 2019, 18 November 2019 and 23 December 2019 for details on historic drilling |
| ***Logging*** | *Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies.*<br><br>*Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.*<br><br>*The total length and percentage of the relevant intersections logged.* | • All drilling was geologically logged by Hammer Metals Limited Geologists.<br><br>• Drill spoil piles were photographed for each hole and a small sample of chips was collected for every metre.<br><br>• Each drillhole was qualitatively logged in its entirety for geology.<br><br>• Selected intervals from each drillhole were quantitatively logged on-site using an Olympus Vanta portable XRF instrument. The aim of these limited analysis was to lithochemically characterise rock types.<br><br>*HISTORIC DRILLING*<br>• The reader is referred to HMX ASX releases dated 14 March 2019, 18 November 2019, 23 December 2019 22 April 2020 and 15 July 2020 for details on historic drilling. |
| ***Sub-sampling techniques and sample preparation*** | *If core, whether cut or sawn and whether quarter, half or all core taken.*<br><br>*If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.*<br>*For all sample types, the nature, quality and appropriateness of the sample preparation technique.* | • Samples consist of air core and RC drill chips.<br><br>• Samples from the hole were collected by scooping material from the sample return piles.<br><br>• Drill chip samples were taken at dominantly four metre intervals with samples being composited combining |

| Criteria | JORC Code explanation | Commentary |
|---|---|---|
| | *Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.*<br><br>*Measures taken to ensure that the sampling is representative of the insitu material collected, including for instance results for field duplicate/second-half sampling.*<br>*Whether sample sizes are appropriate to the grain size of the material being sampled.* | scooped material from each one metre sample return pile.<br><br>• Where evidence of mineralisation was encountered or anticipated, the sample length was reduced to 1m.<br><br>• Sample collection methodology and sample size is considered appropriate to the target-style and drill method, and appropriate laboratory analytical methods were employed.<br><br>• Standard reference samples and blanks were each inserted into the laboratory submissions at a rate of 1 per 25 samples.<br><br>• The average sample weight submitted to the lab was 1.58kg. This sample sizes submitted for analysis were appropriate for the style of mineralisation sought.<br><br>• The method of sample collection, use of compositing where appropriate and lab methods are appropriate for this style of mineralisation.<br><br>*HISTORIC DRILLING*<br>• The reader is referred to HMX ASX releases dated 14 March 2019, 18 November 2019, 23 December 2019 22 April 2020 and 15 July 2020 for details on historic drilling. |
| ***Quality of assay data and laboratory tests*** | *The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.*<br><br>*For geophysical tools, spectrometers, handheld XRF instruments, etc, the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc.*<br><br>*Nature of quality control procedures adopted (eg standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (ie lack of bias) and precision have been established.* | • All samples were analysed for gold by flame AAS using a 30gm charge.<br><br>• All samples were subject to either laboratory portable XRF or 4-acid multielement ICP OES and MS.<br><br>• Standard reference samples and blanks were inserted at 25 sample intervals. SGS also maintained a comprehensive QAQC regime, including check samples, duplicates, standard reference samples, blanks and calibration standards.<br><br>***GRAVITY SURVEYS***<br>• The ground Gravity Survey was conducted on 50m centres.<br>• The gravity survey was undertaken by Atlas Geophysics utilising a Scintrex CG-5 Autograv Gravity meter which has an accuracy of 0.01 mgal. Locations were captured using a VTK, V100, GNSS RTK system |

| Criteria | JORC Code explanation | Commentary |
|---|---|---|
| | | |
| ***Verification of sampling and assaying*** | *The verification of significant intersections by either independent or alternative company personnel.*<br><br>*The use of twinned holes.*<br><br>*Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.*<br>*Discuss any adjustment to assay data.* | • All assays have been verified by alternate company personnel.<br><br>• Assay files were received electronically from the laboratory.<br><br>***GRAVITY SURVEYS***<br>• After survey company validation, readings were transferred to Southern Geoscience and Hammer Metals personnel daily for review. |
| ***Location of data points*** | *Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation.*<br><br>*Specification of the grid system used.*<br>*Quality and adequacy of topographic control.* | • Datum used is UTM GDA 94 Zone 51.<br><br>• RL information will be merged at a later date utilising the most accurately available elevation data.<br><br>• Significant intercepts from these holes are shown in the text in Table 1. A full collar listing is tabulated in Appendix 1.<br><br>***GRAVITY SURVEYS***<br>• Locations were captured using a VTK, V100, GNSS RTK system.<br>• Datum GDA94 Zone54. |
| ***Data spacing and distribution*** | *Data spacing for reporting of Exploration Results.*<br><br>*Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied.*<br><br>*Whether sample compositing has been applied.* | • The drill density is not sufficient to establish grade continuity.<br><br>• The average grade has been utilised where multiple repeat analyses have been conducted on a single sample. |
| ***Orientation of data in relation to geological structure*** | *Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.*<br><br>*If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material.* | • Drill holes were oriented as close to perpendicular as possible to the orientation of the targets based on interpretation of previous exploration.<br><br>***GRAVITY SURVEYS***<br>• Gravity station locations are based on an even 50m spaced grid. |
| ***Sample security*** | *The measures taken to ensure sample security.* | • Pre-numbered bags were used, and samples were transported to SGS in Kalgoorlie by both company personnel and a commercial carrier. Samples were packed within sealed bulka bags. |

| Criteria | JORC Code explanation | Commentary |
|---|---|---|
| | | **GRAVITY SURVEYS**<br>• All readings were transferred to Newexco and Hammer Metals personnel daily for review. |
| ***Audits or reviews*** | *The results of any audits or reviews of sampling techniques and data.* | • The dataset associated with this reported exploration has been subject to data import validation.<br>• All assay data has been reviewed by two company personnel.<br>• No external audits have been conducted.<br><br>***GRAVITY SURVEYS***<br>• Gravity data was independently reviewed by Newexco. |

## Section 2 Reporting of Exploration Results

(Criteria listed in the preceding section also apply to this section.)

| Criteria | JORC Code explanation | Commentary |
|---|---|---|
| ***Mineral tenement and land tenure status*** | *Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings.*<br><br>*The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area.* | • The Bronzewing South Project comprises granted tenements: E36/854, E36/868, E36/869, E36/870, E36/916, P36/1857 and P36/1858.<br><br>• These tenements are 100% held by Carnegie Exploration Pty Ltd. The tenements are in good standing. Carnegie Exploration Pty Ltd is a 100% owned subsidiary of Hammer Metals Limited.<br><br>• The sampling reported herein was conducted on E36/869, E36/870 and E36/916.<br><br>• The gravity survey was conducted on E36/854 and P36/1858. |
| ***Exploration done by other parties*** | *Acknowledgment and appraisal of exploration by other parties.* | • Previous holders held title either covering the tenement in part or entirely and previous results are contained in Mines Department records.<br><br>• In excess of 2200 holes and 99km of drilling has been conducted by Newmont Exploration Pty Ltd, Audax Resources NL and Australian Resources Ltd over the entire project area.<br><br>• This data has been compiled by Carnegie Exploration Pty Ltd |

| Criteria | JORC Code explanation | Commentary |
|---|---|---|
| | | • Tabulation of this drilling according to trend, exploration licence, drill type and drill type was presented in a HMX release to the ASX dated 14 March 2019. |
| ***Geology*** | *Deposit type, geological setting and style of mineralisation.* | • The Bronzewing South project is exploring for Bronzewing and/or Mt McClure analogues along strike from each mine.<br><br>• The project is located within the Yandal Greenstone Belt approximately 65km northeast of Leinster. The Yandal Belt is approximately 250km long by 50km wide and hosts the Jundee, Darlot, Thunderbox, Bronzewing and Mt McClure Group of gold deposits. In the Bronzewing area the greenstone succession is dominated by tholeiitic basalts and dolerite units with lesser ultramafic, felsic and sediment sequences.<br><br>• Gold mineralisation at the **Bronzewing** mine occurs in quartz veins (sub-parallel vein arrays) in complex pipe-like lodes that plunge steeply to the south within a 400m wide structural corridor. The north-south corridor is roughly coincident with an antiformal structure and extends to the south through E36/854. Bedrock does not outcrop within E36/854 and drilling indicates that surficial cover ranges between 2m and 40m in thickness. |
| ***Drill hole Information*** | *A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes:*<br>*easting and northing of the drill hole collar*<br>*elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar*<br>*dip and azimuth of the hole*<br>*down hole length and interception depth*<br>*hole length.*<br><br>*If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case.* | • See the attached tables.<br>• Significant intercepts from these holes are shown in the text in Table 1. A full collar listing is tabulated in Appendix 1.<br><br>*HISTORIC DRILLING*<br>• The reader is referred to HMX ASX releases dated 14 March 2019, 18 November 2019, 23 December 2019 22 April 2020 and 15 July 2020 for details on historic drilling. |
| ***Data aggregation methods*** | *In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (eg cutting of high grades) and cut-off grades are usually Material and should be stated.* | • Intercepts are quoted at a 0.1g/t Gold cut-off with included intercepts highlighting zones of increased Gold grade. |

| Criteria | JORC Code explanation | Commentary |
|---|---|---|
| | *Where aggregate intercepts incorporate short lengths of high grade results and longer lengths of low grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail.*<br><br>*The assumptions used for any reporting of metal equivalent values should be clearly stated.* | *HISTORIC DRILLING*<br>• The reader is referred to HMX ASX releases dated 14 March 2019, 18 November 2019, 23 December 2019 22 April 2020 and 15 July 2020 for details on historic drilling. |
| ***Relationship between mineralisation widths and intercept lengths*** | *These relationships are particularly important in the reporting of Exploration Results.*<br><br>*If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.*<br><br>*If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (eg 'down hole length, true width not known').* | • The relationship between intersected and true widths for HMX drilling is currently not known with any certainty.<br><br>*HISTORIC DRILLING*<br>• The reader is referred to HMX ASX releases dated 14 March 2019, 18 November 2019, 23 December 2019 22 April 2020 and 15 July 2020 for details on historic drilling. |
| ***Diagrams*** | *Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported These should include, but not be limited to a plan view of drill hole collar locations and appropriate sectional views.* | • See attached figures |
| ***Balanced reporting*** | *Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced avoiding misleading reporting of Exploration Results.* | • Intersections derived from laboratory analysis are reported at cut-off grades of 0.1g/t Au.<br><br>• The reader can therefore assume that any portions of a drillhole that are not quoted in the intercept tables contain grades less that the quoted cut-off.<br><br>• Significant intercepts from these holes are shown in the text in Table 1. A full collar listing is tabulated in Appendix 1.<br><br>*HISTORIC DRILLING*<br>• The reader is referred to HMX ASX releases dated 14 March 2019, 18 November 2019, 23 December 2019 22 April 2020 and 15 July 2020 for details on historic drilling. |
| ***Other substantive exploration data*** | *Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples – size and method of treatment; metallurgical test* | *HISTORIC DRILLING*<br>• The reader is referred to HMX ASX releases dated 14 March 2019, 18 November 2019, 23 December 2019 22 |

| Criteria | JORC Code explanation | Commentary |
|---|---|---|
| | *results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.* | April 2020 and 15 July 2020 for details on historic drilling. |
| ***Further work*** | *The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out drilling).*<br><br>*Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.* | • Planning is underway for a reverse circulation program testing the targets defined at Bronzewing South. |

**Appendix 1 –** Full Drill Hole Collar Listing

| Hammer Metals Limited - Orelia Project - Collar Listing | | | | | | | |
|---|---|---|---|---|---|---|---|
| Target | Hole | E_GDA94 | N_GDA94 | RL | TD | Dip | Az_GDA |
| Target 4 | BWSAC0573 | 294768 | 6968930 | 522 | 49 | -60 | 77 |
| Target 4 | BWSAC0574 | 294748 | 6968925 | 522 | 59 | -60 | 77 |
| Target 4 | BWSAC0575 | 294730 | 6968918 | 522 | 56 | -60 | 77 |
| Target 4 | BWSAC0576 | 294711 | 6968910 | 522 | 48 | -60 | 77 |
| Target 4 | BWSAC0577 | 294691 | 6968898 | 522 | 50 | -60 | 77 |
| Target 4 | BWSAC0578 | 294671 | 6968890 | 523 | 47 | -60 | 77 |
| Target 4 | BWSAC0579 | 294648 | 6968885 | 522 | 31 | -60 | 77 |
| Target 4 | BWSAC0580 | 294628 | 6968882 | 523 | 27 | -60 | 77 |
| Target 4 | BWSAC0581 | 294607 | 6968882 | 522 | 28 | -60 | 77 |
| Target 4 | BWSAC0582 | 294592 | 6968871 | 523 | 30 | -60 | 77 |
| Target 4 | BWSAC0583 | 294570 | 6968866 | 522 | 41 | -60 | 77 |
| Target 4 | BWSAC0584 | 294550 | 6968860 | 522 | 56 | -60 | 77 |
| Target 4 | BWSAC0585 | 294528 | 6968855 | 522 | 72 | -60 | 77 |
| Target 4 | BWSAC0586 | 294643 | 6969509 | 523 | 105 | -60 | 77 |
| Target 4 | BWSAC0587 | 294632 | 6969505 | 524 | 96 | -60 | 77 |
| Target 4 | BWSAC0588 | 294592 | 6969485 | 524 | 86 | -60 | 77 |
| Target 4 | BWSAC0589 | 294557 | 6969472 | 524 | 80 | -60 | 77 |
| Target 4 | BWSAC0590 | 294511 | 6969462 | 525 | 85 | -60 | 77 |
| Target 4 | BWSAC0591 | 294471 | 6969446 | 525 | 71 | -60 | 77 |
| Target 4 | BWSAC0592 | 294453 | 6969436 | 525 | 28 | -60 | 77 |
| Target 4 | BWSAC0593 | 294433 | 6969430 | 526 | 20 | -60 | 77 |
| Target 4 | BWSAC0594 | 294411 | 6969420 | 525 | 20 | -60 | 77 |
| Target 4 | BWSAC0595 | 294787 | 6968924 | 523 | 54 | -60 | 77 |
| Eastern Granite | BWSAC0596 | 297281 | 6968793 | 514 | 39 | -60 | 90 |
| Eastern Granite | BWSAC0597 | 297239 | 6968796 | 515 | 40 | -60 | 90 |
| Eastern Granite | BWSAC0598 | 297199 | 6968793 | 515 | 24 | -60 | 90 |
| Eastern Granite | BWSAC0599 | 297162 | 6968789 | 516 | 27 | -60 | 90 |
| Eastern Granite | BWSAC0600 | 297122 | 6968792 | 515 | 37 | -60 | 90 |
| Eastern Granite | BWSAC0601 | 297084 | 6968794 | 516 | 28 | -60 | 90 |
| Eastern Granite | BWSAC0602 | 297044 | 6968794 | 516 | 40 | -60 | 90 |
| Eastern Granite | BWSAC0603 | 296999 | 6968792 | 515 | 37 | -60 | 90 |
| Eastern Granite | BWSAC0604 | 296964 | 6968790 | 515 | 33 | -60 | 90 |
| Eastern Granite | BWSAC0605 | 296923 | 6968796 | 515 | 35 | -60 | 90 |
| Eastern Granite | BWSAC0606 | 296883 | 6968804 | 515 | 45 | -60 | 90 |
| Eastern Granite | BWSAC0607 | 296840 | 6968792 | 517 | 62 | -60 | 90 |
| Eastern Granite | BWSAC0608 | 296803 | 6968796 | 517 | 39 | -60 | 90 |
| Eastern Granite | BWSAC0609 | 296756 | 6968790 | 518 | 32 | -60 | 90 |
| Eastern Granite | BWSAC0610 | 296717 | 6968792 | 517 | 37 | -60 | 90 |
| Eastern Granite | BWSAC0611 | 296681 | 6968793 | 517 | 45 | -60 | 90 |
| Eastern Granite | BWSAC0612 | 296641 | 6968792 | 517 | 42 | -60 | 90 |
| Eastern Granite | BWSAC0613 | 296601 | 6968792 | 517 | 22 | -60 | 90 |
| Eastern Granite | BWSAC0614 | 296562 | 6968793 | 517 | 45 | -60 | 90 |
| **Note** | | | | | | | |
| Coordinates and azimuth relative to GDA 94 Zone 51. RL Derived from a DGPS. | | | | | | | |

| Hammer Metals Limited - Orelia Project - Collar Listing | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Target** | **Hole** | **E_GDA94** | **N_GDA94** | **RL** | **TD** | **Dip** | **Az_GDA** |
| Eastern Granite | BWSAC0615 | 296520 | 6968792 | 517 | 45 | -60 | 90 |
| Eastern Granite | BWSAC0616 | 296480 | 6968794 | 517 | 36 | -60 | 90 |
| Eastern Granite | BWSAC0617 | 296440 | 6968793 | 516 | 47 | -60 | 90 |
| Eastern Granite | BWSAC0618 | 296399 | 6968792 | 517 | 48 | -60 | 90 |
| Eastern Granite | BWSAC0619 | 296359 | 6968792 | 517 | 45 | -60 | 90 |
| Eastern Granite | BWSAC0620 | 296324 | 6968800 | 517 | 48 | -60 | 90 |
| Eastern Granite | BWSAC0621 | 296283 | 6968800 | 518 | 42 | -60 | 90 |
| Eastern Granite | BWSAC0622 | 296243 | 6968794 | 518 | 30 | -60 | 90 |
| Eastern Granite | BWSAC0623 | 296203 | 6968803 | 518 | 47 | -60 | 90 |
| Eastern Granite | BWSAC0624 | 296162 | 6968799 | 518 | 41 | -60 | 90 |
| Eastern Granite | BWSAC0625 | 296118 | 6968801 | 518 | 30 | -60 | 90 |
| Eastern Granite | BWSAC0626 | 296081 | 6968800 | 518 | 39 | -60 | 90 |
| Eastern Granite | BWSAC0627 | 296042 | 6968803 | 518 | 36 | -60 | 90 |
| Target 3 | BWSAC0628 | 295999 | 6968803 | 518 | 26 | -60 | 90 |
| Target 3 | BWSAC0629 | 295960 | 6968802 | 518 | 28 | -60 | 90 |
| Target 3 | BWSAC0630 | 295919 | 6968806 | 519 | 24 | -60 | 90 |
| Target 3 | BWSAC0631 | 295881 | 6968801 | 519 | 20 | -60 | 90 |
| Target 3 | BWSAC0632 | 295841 | 6968803 | 520 | 28 | -60 | 90 |
| Target 3 | BWSAC0633 | 295799 | 6968804 | 520 | 32 | -60 | 90 |
| Target 3 | BWSAC0634 | 295762 | 6968802 | 520 | 29 | -60 | 90 |
| Target 3 | BWSAC0635 | 295724 | 6968802 | 521 | 33 | -60 | 90 |
| Target 3 | BWSAC0636 | 295682 | 6968801 | 521 | 24 | -60 | 90 |
| Target 3 | BWSAC0637 | 295641 | 6968800 | 521 | 37 | -60 | 90 |
| Target 3 | BWSAC0638 | 295604 | 6968804 | 521 | 13 | -60 | 90 |
| Target 3 | BWSAC0638A | 295599 | 6968802 | 521 | 43 | -60 | 90 |
| Target 3 | BWSAC0639 | 295562 | 6968803 | 522 | 42 | -60 | 90 |
| Target 3 | BWSAC0640 | 295523 | 6968803 | 522 | 46 | -60 | 90 |
| Target 3 | BWSAC0641 | 295484 | 6968804 | 522 | 51 | -60 | 90 |
| Target 3 | BWSAC0642 | 295441 | 6968803 | 522 | 48 | -60 | 90 |
| Target 3 | BWSAC0643 | 295401 | 6968806 | 522 | 48 | -60 | 90 |
| Target 3 | BWSAC0644 | 295366 | 6968804 | 522 | 54 | -60 | 90 |
| Target 3 | BWSAC0645 | 295559 | 6970000 | 519 | 43 | -60 | 90 |
| Target 3 | BWSAC0646 | 295517 | 6970004 | 519 | 41 | -60 | 90 |
| Target 3 | BWSAC0647 | 295480 | 6970006 | 519 | 47 | -60 | 90 |
| Target 3 | BWSAC0648 | 295434 | 6970006 | 519 | 25 | -60 | 90 |
| Target 3 | BWSAC0649 | 295401 | 6969993 | 519 | 53 | -60 | 90 |
| Target 3 | BWSAC0650 | 295362 | 6969997 | 519 | 42 | -60 | 90 |
| Target 3 | BWSAC0651 | 295317 | 6970002 | 518 | 52 | -60 | 90 |
| Target 3 | BWSAC0652 | 295278 | 6970007 | 519 | 58 | -60 | 90 |
| Target 3 | BWSAC0653 | 295241 | 6970003 | 520 | 47 | -60 | 90 |
| Target 3 | BWSAC0654 | 295201 | 6969999 | 520 | 53 | -60 | 90 |
| **Note** | | | | | | | |
| Coordinates and azimuth relative to GDA 94 Zone 51. RL Derived from a DGPS. | | | | | | | |

| Hammer Metals Limited - Orelia Project - Collar Listing | | | | | | | |
|---|---|---|---|---|---|---|---|
| **Target** | **Hole** | **E_GDA94** | **N_GDA94** | **RL** | **TD** | **Dip** | **Az_GDA** |
| Target 3 | BWSAC0655 | 295159 | 6970000 | 522 | 65 | -60 | 90 |
| Target 3 | BWSAC0656 | 295121 | 6969996 | 520 | 60 | -60 | 90 |
| Target 3 | BWSAC0657 | 295079 | 6969998 | 521 | 60 | -60 | 90 |
| Target 3 | BWSAC0658 | 295045 | 6969998 | 520 | 57 | -60 | 90 |
| Target 3 | BWSAC0659 | 295000 | 6970000 | 520 | 66 | -60 | 90 |
| Eastern Granite | BWSAC0660 | 295695 | 6970799 | 520 | 28 | -60 | 270 |
| Eastern Granite | BWSAC0661 | 295739 | 6970802 | 518 | 43 | -60 | 270 |
| Eastern Granite | BWSAC0662 | 295780 | 6970806 | 517 | 16 | -60 | 270 |
| Eastern Granite | BWSAC0663 | 295824 | 6970804 | 517 | 5 | -60 | 270 |
| Eastern Granite | BWSAC0664 | 295863 | 6970803 | 516 | 7 | -60 | 270 |
| Eastern Granite | BWSAC0665 | 295894 | 6970807 | 516 | 6 | -60 | 270 |
| Eastern Granite | BWSAC0666 | 295940 | 6970803 | 517 | 24 | -60 | 270 |
| Eastern Granite | BWSAC0667 | 295978 | 6970806 | 517 | 27 | -60 | 270 |
| Eastern Granite | BWSAC0668 | 296017 | 6970807 | 517 | 37 | -60 | 270 |
| Eastern Granite | BWSAC0669 | 296065 | 6970796 | 516 | 25 | -60 | 270 |
| Eastern Granite | BWSAC0670 | 296096 | 6970807 | 516 | 35 | -60 | 270 |
| Eastern Granite | BWSAC0671 | 296135 | 6970801 | 516 | 10 | -60 | 270 |
| Eastern Granite | BWSAC0672 | 296170 | 6970801 | 516 | 18 | -60 | 270 |
| Eastern Granite | BWSAC0673 | 296219 | 6970805 | 516 | 20 | -60 | 270 |
| Eastern Granite | BWSAC0674 | 296257 | 6970807 | 516 | 48 | -60 | 270 |
| Eastern Granite | BWSAC0675 | 296296 | 6970805 | 516 | 45 | -60 | 270 |
| Eastern Granite | BWSAC0676 | 296336 | 6970803 | 520 | 53 | -60 | 270 |
| Eastern Granite | BWSAC0677 | 296376 | 6970805 | 507 | 49 | -60 | 270 |
| Eastern Granite | BWSAC0678 | 296416 | 6970806 | 511 | 52 | -60 | 270 |
| Eastern Granite | BWSAC0679 | 296459 | 6970804 | 517 | 46 | -60 | 270 |
| Eastern Granite | BWSAC0680 | 296499 | 6970806 | 514 | 50 | -60 | 270 |
| Eastern Granite | BWSAC0681 | 296525 | 6970810 | 513 | 48 | -60 | 270 |
| Eastern Granite | BWSAC0682 | 296581 | 6970810 | 513 | 44 | -60 | 270 |
| Eastern Granite | BWSAC0683 | 296622 | 6970802 | 512 | 41 | -60 | 270 |
| Eastern Granite | BWSAC0684 | 296597 | 6971199 | 512 | 33 | -60 | 90 |
| Eastern Granite | BWSAC0685 | 296547 | 6971204 | 517 | 34 | -60 | 90 |
| Eastern Granite | BWSAC0686 | 296503 | 6971203 | 517 | 32 | -60 | 90 |
| Eastern Granite | BWSAC0687 | 296462 | 6971204 | 517 | 33 | -60 | 90 |
| Eastern Granite | BWSAC0688 | 296426 | 6971203 | 517 | 38 | -60 | 90 |
| Eastern Granite | BWSAC0689 | 296384 | 6971207 | 517 | 41 | -60 | 90 |
| Eastern Granite | BWSAC0690 | 296341 | 6971205 | 517 | 43 | -60 | 90 |
| Eastern Granite | BWSAC0691 | 296300 | 6971204 | 516 | 36 | -60 | 90 |
| Eastern Granite | BWSAC0692 | 296260 | 6971197 | 516 | 31 | -60 | 90 |
| Eastern Granite | BWSAC0693 | 296222 | 6971203 | 516 | 33 | -60 | 90 |
| Eastern Granite | BWSAC0694 | 296191 | 6971195 | 513 | 27 | -60 | 90 |
| Eastern Granite | BWSAC0695 | 296143 | 6971205 | 513 | 6 | -60 | 90 |
| **Note** | | | | | | | |
| Coordinates and azimuth relative to GDA 94 Zone 51. RL Derived from a DGPS. | | | | | | | |

**Appendix 1 –** Continued

| Hammer Metals Limited - Orelia Project - Collar Listing | | | | | | | |
|---|---|---|---|---|---|---|---|
| Target | Hole | E_GDA94 | N_GDA94 | RL | TD | Dip | Az_GDA |
| Eastern Granite | BWSAC0696 | 296100 | 6971204 | 513 | 9 | -60 | 90 |
| Eastern Granite | BWSAC0697 | 296061 | 6971204 | 513 | 3 | -60 | 90 |
| Eastern Granite | BWSAC0698 | 296020 | 6971200 | 521 | 3 | -60 | 90 |
| Eastern Granite | BWSAC0699 | 295984 | 6971204 | 519 | 4 | -60 | 90 |
| Eastern Granite | BWSAC0700 | 295940 | 6971206 | 519 | 4 | -60 | 90 |
| Eastern Granite | BWSAC0701 | 295905 | 6971205 | 519 | 4 | -60 | 90 |
| Eastern Granite | BWSAC0702 | 295862 | 6971204 | 520 | 4 | -60 | 90 |
| Eastern Granite | BWSAC0703 | 295825 | 6971206 | 520 | 5 | -60 | 90 |
| Eastern Granite | BWSAC0704 | 295786 | 6971209 | 522 | 8 | -60 | 90 |
| Eastern Granite | BWSAC0705 | 295739 | 6971205 | 522 | 11 | -60 | 90 |
| Eastern Granite | BWSAC0706 | 295701 | 6971202 | 522 | 11 | -60 | 90 |
| Eastern Granite | BWSAC0707 | 295670 | 6971205 | 518 | 3 | -60 | 90 |
| Eastern Granite | BWSAC0708 | 295619 | 6971203 | 518 | 11 | -60 | 90 |
| Eastern Granite | BWSAC0709 | 295584 | 6971205 | 518 | 27 | -60 | 90 |
| Eastern Granite | BWSAC0710 | 295539 | 6971203 | 521 | 27 | -60 | 90 |
| Eastern Granite | BWSAC0711 | 295500 | 6971197 | 522 | 34 | -60 | 90 |
| Eastern Granite | BWSAC0712 | 296176 | 6971602 | 516 | 24 | -60 | 90 |
| Eastern Granite | BWSAC0713 | 296261 | 6971610 | 515 | 21 | -60 | 90 |
| Eastern Granite | BWSAC0714 | 296100 | 6971609 | 518 | 17 | -60 | 90 |
| Eastern Granite | BWSAC0715 | 296020 | 6971606 | 517 | 6 | -60 | 90 |
| Eastern Granite | BWSAC0716 | 295941 | 6971606 | 517 | 3 | -60 | 90 |
| Eastern Granite | BWSAC0717 | 295899 | 6971602 | 517 | 2 | -60 | 90 |
| Target 3 | BWSAC0718 | 295317 | 6973599 | 533 | 35 | -60 | 90 |
| Target 3 | BWSAC0719 | 295284 | 6973604 | 535 | 27 | -60 | 90 |
| Target 3 | BWSAC0720 | 295246 | 6973610 | 537 | 25 | -60 | 90 |
| Target 3 | BWSAC0721 | 295203 | 6973607 | 537 | 27 | -60 | 90 |
| Target 3 | BWSAC0722 | 295156 | 6973604 | 537 | 43 | -60 | 90 |
| Target 3 | BWSAC0723 | 295127 | 6973604 | 537 | 32 | -60 | 90 |
| Target 3 | BWSAC0724 | 295076 | 6973593 | 537 | 36 | -60 | 90 |
| Target 3 | BWSAC0725 | 295042 | 6973601 | 537 | 32 | -60 | 90 |
| Target 3 | BWSAC0726 | 294997 | 6973608 | 530 | 16 | -60 | 90 |
| Target 3 | BWSAC0727 | 294918 | 6973615 | 528 | 22 | -60 | 90 |
| Target 3 | BWSAC0728 | 294877 | 6973612 | 525 | 21 | -60 | 90 |
| Target 3 | BWSAC0729 | 294841 | 6973602 | 523 | 16 | -60 | 90 |
| Target 3 | BWSAC0730 | 294764 | 6973604 | 528 | 13 | -60 | 90 |
| Target 3 | BWSAC0731 | 294706 | 6973598 | 528 | 20 | -60 | 90 |
| Target 3 | BWSAC0732 | 294684 | 6973600 | 531 | 18 | -60 | 90 |
| Target 3 | BWSAC0733 | 294636 | 6973608 | 535 | 21 | -60 | 90 |
| Target 3 | BWSAC0734 | 294592 | 6973597 | 535 | 18 | -60 | 90 |
| Target 3 | BWSAC0735 | 294560 | 6973599 | 535 | 29 | -60 | 90 |
| Target 3 | BWSAC0736 | 294524 | 6973601 | 535 | 12 | -60 | 90 |
| Target 3 | BWSAC0737 | 294482 | 6973605 | 535 | 14 | -60 | 90 |
| Target 3 | BWSAC0738 | 294443 | 6973603 | 535 | 21 | -60 | 90 |
| Target 3 | BWSAC0739 | 294400 | 6973610 | 535 | 22 | -60 | 90 |
| Target 3 | BWSAC0740 | 294365 | 6973595 | 535 | 20 | -60 | 90 |
| **Note** | | | | | | | |
| Coordinates and azimuth relative to GDA 94 Zone 51. RL Derived from a DGPS. | | | | | | | |

| Hammer Metals Limited - Orelia Project - Collar Listing | | | | | | | |
|---|---|---|---|---|---|---|---|
| Target | Hole | E_GDA94 | N_GDA94 | RL | TD | Dip | Az_GDA |
| Target 3 | BWSAC0741 | 294319 | 6973597 | 533 | 17 | -60 | 90 |
| Target 3 | BWSAC0742 | 294278 | 6973594 | 533 | 29 | -60 | 90 |
| Target 3 | BWSAC0743 | 294236 | 6973598 | 532 | 22 | -60 | 90 |
| Target 3 | BWSAC0744 | 294197 | 6973598 | 532 | 18 | -60 | 90 |
| Target 3 | BWSAC0745 | 294162 | 6973606 | 532 | 19 | -60 | 90 |
| Target 3 | BWSAC0746 | 294119 | 6973587 | 532 | 28 | -60 | 90 |
| Target 3 | BWSAC0747 | 294088 | 6973570 | 531 | 37 | -60 | 90 |
| Target 2 | BWSAC0748 | 293315 | 6976456 | 531 | 54 | -60 | 77 |
| Target 2 | BWSAC0749 | 293284 | 6976444 | 531 | 57 | -60 | 77 |
| Target 2 | BWSAC0750 | 293238 | 6976445 | 531 | 63 | -60 | 77 |
| Target 2 | BWSAC0751 | 293203 | 6976430 | 533 | 64 | -60 | 77 |
| Target 2 | BWSAC0752 | 293157 | 6976421 | 531 | 57 | -60 | 77 |
| Target 2 | BWSAC0753 | 293121 | 6976409 | 531 | 40 | -60 | 77 |
| Target 2 | BWSAC0754 | 293081 | 6976404 | 531 | 39 | -60 | 77 |
| Target 2 | BWSAC0755 | 293043 | 6976398 | 531 | 32 | -60 | 77 |
| Target 2 | BWSAC0756 | 293008 | 6976384 | 531 | 16 | -60 | 77 |
| Target 2 | BWSAC0757 | 292958 | 6976372 | 532 | 7 | -60 | 77 |
| Target 2 | BWSAC0758 | 292922 | 6976362 | 533 | 7 | -60 | 77 |
| Target 2 | BWSAC0759 | 292880 | 6976353 | 534 | 6 | -60 | 77 |
| Target 2 | BWSAC0760 | 292841 | 6976345 | 535 | 6 | -60 | 77 |
| Target 2 | BWSAC0761 | 292798 | 6976334 | 535 | 6 | -60 | 77 |
| Target 2 | BWSAC0762 | 292762 | 6976325 | 535 | 4 | -60 | 77 |
| Target 2 | BWSAC0763 | 292718 | 6976313 | 537 | 2 | -60 | 77 |
| Target 2 | BWSAC0764 | 292679 | 6976308 | 538 | 2 | -60 | 77 |
| Target 2 | BWSAC0765 | 292638 | 6976297 | 538 | 2 | -60 | 77 |
| Target 2 | BWSAC0766 | 292611 | 6976288 | 537 | 11 | -60 | 77 |
| Target 2 | BWSAC0767 | 292567 | 6976477 | 535 | 3 | -60 | 77 |
| Target 2 | BWSAC0768 | 292533 | 6976471 | 536 | 4 | -60 | 77 |
| Target 2 | BWSAC0769 | 292489 | 6976463 | 535 | 4 | -60 | 77 |
| Target 2 | BWSAC0770 | 292452 | 6976450 | 535 | 16 | -60 | 77 |
| Target 2 | BWSAC0771 | 292409 | 6976446 | 535 | 8 | -60 | 77 |
| Target 2 | BWSAC0772 | 292369 | 6976437 | 535 | 14 | -60 | 77 |
| Target 2 | BWSAC0773 | 292327 | 6976423 | 535 | 9 | -60 | 77 |
| Target 2 | BWSAC0774 | 292308 | 6976418 | 535 | 20 | -60 | 77 |
| Target 2 | BWSAC0775 | 292591 | 6976483 | 535 | 2 | -60 | 77 |
| Target 2 | BWSAC0776 | 292555 | 6976476 | 535 | 3 | -60 | 77 |
| Target 2 | BWSAC0777 | 292509 | 6976472 | 535 | 6 | -60 | 77 |
| Target 2 | BWSAC0778 | 292473 | 6976457 | 533 | 4 | -60 | 77 |
| Target 2 | BWSAC0779 | 292434 | 6976449 | 533 | 9 | -60 | 77 |
| Target 2 | BWSAC0780 | 292385 | 6976447 | 538 | 7 | -60 | 77 |
| Target 2 | BWSAC0781 | 292355 | 6976427 | 538 | 2 | -60 | 77 |
| Target 2 | BWSAC0782 | 292982 | 6976376 | 538 | 5 | -60 | 77 |
| Target 2 | BWSAC0783 | 292938 | 6976366 | 538 | 5 | -60 | 77 |
| Target 2 | BWSAC0784 | 292899 | 6976357 | 538 | 8 | -60 | 77 |
| **Note** | | | | | | | |
| Coordinates and azimuth relative to GDA 94 Zone 51. RL Derived from a DGPS. | | | | | | | |

| Hammer Metals Limited - Orelia Project - Collar Listing | | | | | | | |
|---|---|---|---|---|---|---|---|
| Target | Hole | E_GDA94 | N_GDA94 | RL | TD | Dip | Az_GDA |
| Target 2 | BWSAC0785 | 292863 | 6976349 | 538 | 5 | -60 | 77 |
| Target 2 | BWSAC0786 | 292822 | 6976340 | 538 | 5 | -60 | 77 |
| Target 2 | BWSAC0787 | 292779 | 6976329 | 538 | 12 | -60 | 77 |
| Target 2 | BWSAC0788 | 292739 | 6976320 | 538 | 3 | -60 | 77 |
| Target 2 | BWSAC0789 | 292696 | 6976308 | 538 | 2 | -60 | 77 |
| Target 2 | BWSAC0790 | 292660 | 6976302 | 538 | 2 | -60 | 77 |
| Target 2 | BWSAC0791 | 292237 | 6976396 | 540 | 12 | -60 | 77 |
| Target 2 | BWSAC0792 | 292210 | 6976399 | 537 | 30 | -60 | 77 |
| Target 2 | BWSAC0793 | 292172 | 6976381 | 539 | 38 | -60 | 77 |
| Target 2 | BWSAC0794 | 292137 | 6976375 | 541 | 32 | -60 | 77 |
| Target 3 | BWSAC0795 | 295368 | 6973593 | 522 | 54 | -60 | 90 |
| Target 3 | BWSAC0796 | 295403 | 6973608 | 521 | 41 | -60 | 90 |
| Target 3 | BWSAC0797 | 294978 | 6973612 | 521 | 24 | -60 | 90 |
| Target 3 | BWSAC0798 | 294814 | 6973605 | 521 | 14 | -60 | 90 |
| Target 3 | BWSAC0799 | 294793 | 6973605 | 521 | 15 | -60 | 90 |
| Target 3 | BWSAC0800 | 294745 | 6973603 | 521 | 15 | -60 | 90 |
| Target 3 | BWSAC0801 | 294666 | 6973607 | 527 | 20 | -60 | 90 |
| Target 3 | BWSAC0802 | 294580 | 6973595 | 532 | 19 | -60 | 90 |
| Target 3 | BWSAC0803 | 294503 | 6973601 | 533 | 20 | -60 | 90 |
| Target 3 | BWSAC0804 | 294462 | 6973600 | 533 | 17 | -60 | 90 |
| Target 3 | BWSAC0805 | 294301 | 6973601 | 533 | 29 | -60 | 90 |
| Target 3 | BWSAC0806 | 294178 | 6973595 | 533 | 18 | -60 | 90 |
| Target 3 | BWSAC0807 | 294140 | 6973597 | 533 | 27 | -60 | 90 |
| Target 4 | BWSAC0808 | 295019 | 6968744 | 523 | 38 | -60 | 77 |
| Target 4 | BWSAC0809 | 294962 | 6968731 | 523 | 43 | -60 | 77 |
| Target 4 | BWSAC0810 | 294923 | 6968727 | 522 | 50 | -60 | 77 |
| Target 4 | BWSAC0811 | 294887 | 6968729 | 521 | 50 | -60 | 77 |
| Target 4 | BWSAC0812 | 294844 | 6968709 | 522 | 57 | -60 | 77 |
| Target 4 | BWSAC0813 | 294813 | 6968705 | 521 | 54 | -60 | 77 |
| Target 4 | BWSAC0814 | 294776 | 6968694 | 521 | 57 | -60 | 77 |
| Target 4 | BWSAC0815 | 294737 | 6968684 | 521 | 35 | -60 | 77 |
| Target 4 | BWSAC0816 | 294694 | 6968672 | 521 | 37 | -60 | 77 |
| Target 4 | BWSAC0817 | 294653 | 6968664 | 521 | 36 | -60 | 77 |
| Target 4 | BWSAC0818 | 294612 | 6968653 | 521 | 56 | -60 | 77 |
| Target 4 | BWSAC0819 | 294572 | 6968643 | 521 | 31 | -60 | 77 |
| Target 4 | BWSAC0820 | 294529 | 6968631 | 521 | 62 | -60 | 77 |
| Target 4 | BWSAC0821 | 294488 | 6968626 | 521 | 81 | -60 | 77 |
| Target 4 | BWSAC0822 | 294445 | 6968619 | 521 | 57 | -60 | 77 |
| Target 4 | BWSAC0823 | 294415 | 6968606 | 521 | 62 | -60 | 77 |
| Target 4 | BWSAC0824 | 294377 | 6968606 | 521 | 47 | -60 | 77 |
| Target 4 | BWSAC0825 | 295115 | 6968356 | 526 | 77 | -60 | 77 |
| Target 4 | BWSAC0826 | 295081 | 6968352 | 526 | 87 | -60 | 77 |
| Target 4 | BWSAC0827 | 295028 | 6968337 | 526 | 99 | -60 | 77 |
| **Note** | | | | | | | |
| Coordinates and azimuth relative to GDA 94 Zone 51. RL Derived from a DGPS. | | | | | | | |

| Hammer Metals Limited - Orelia Project - Collar Listing | | | | | | | |
|---|---|---|---|---|---|---|---|
| Target | Hole | E_GDA94 | N_GDA94 | RL | TD | Dip | Az_GDA |
| Target 4 | BWSAC0828 | 294996 | 6968329 | 526 | 108 | -60 | 77 |
| Target 4 | BWSAC0829 | 294964 | 6968319 | 526 | 92 | -60 | 77 |
| Target 4 | BWSAC0830 | 294922 | 6968308 | 526 | 69 | -60 | 77 |
| Target 4 | BWSAC0831 | 294888 | 6968302 | 526 | 92 | -60 | 77 |
| Target 4 | BWSAC0832 | 294843 | 6968298 | 526 | 67 | -60 | 77 |
| Target 4 | BWSAC0833 | 294808 | 6968286 | 526 | 69 | -60 | 77 |
| Target 4 | BWSAC0834 | 294767 | 6968280 | 526 | 61 | -60 | 77 |
| Target 4 | BWSAC0835 | 294728 | 6968269 | 524 | 60 | -60 | 77 |
| Target 4 | BWSAC0836 | 294688 | 6968261 | 524 | 53 | -60 | 77 |
| Target 4 | BWSAC0837 | 294649 | 6968245 | 522 | 60 | -60 | 77 |
| Target 4 | BWSAC0838 | 294610 | 6968236 | 522 | 89 | -60 | 77 |
| Target 4 | BWSAC0839 | 294568 | 6968229 | 520 | 58 | -60 | 77 |
| Target 4 | BWSAC0840 | 294537 | 6968222 | 522 | 79 | -60 | 77 |
| Target 4 | BWSAC0841 | 294453 | 6968830 | 528 | 70 | -60 | 77 |
| Target 4 | BWSAC0842 | 294436 | 6968830 | 520 | 75 | -60 | 77 |
| Target 4 | BWSAC0843 | 294524 | 6968847 | 522 | 47 | -60 | 283 |
| Eastern Granite | BWSAC0844 | 295756 | 6970807 | 474 | 26 | -60 | 270 |
| Eastern Granite | BWSAC0845 | 295797 | 6970808 | 515 | 13 | -60 | 270 |
| Eastern Granite | BWSAC0846 | 295843 | 6970808 | 508 | 7 | -60 | 270 |
| Eastern Granite | BWSAC0847 | 295878 | 6970804 | 509 | 5 | -60 | 270 |
| Eastern Granite | BWSAC0848 | 295916 | 6970812 | 517 | 18 | -60 | 270 |
| Eastern Granite | BWSAC0849 | 296117 | 6970804 | 515 | 32 | -60 | 270 |
| Eastern Granite | BWSAC0850 | 296146 | 6970804 | 488 | 11 | -60 | 270 |
| Eastern Granite | BWSAC0851 | 296196 | 6970796 | 508 | 28 | -60 | 270 |
| Eastern Granite | BWSAC0852 | 296159 | 6971202 | 517 | 16 | -60 | 90 |
| Eastern Granite | BWSAC0853 | 296123 | 6971211 | 514 | 4 | -60 | 90 |
| Eastern Granite | BWSAC0854 | 296080 | 6971198 | 503 | 10 | -60 | 90 |
| Eastern Granite | BWSAC0855 | 296038 | 6971200 | 507 | 3 | -60 | 90 |
| Eastern Granite | BWSAC0856 | 296004 | 6971206 | 520 | 3 | -60 | 90 |
| Eastern Granite | BWSAC0857 | 295958 | 6971214 | 518 | 4 | -60 | 90 |
| Eastern Granite | BWSAC0858 | 295921 | 6971206 | 520 | 5 | -60 | 90 |
| Eastern Granite | BWSAC0859 | 295885 | 6971205 | 517 | 6 | -60 | 90 |
| Eastern Granite | BWSAC0860 | 295850 | 6971203 | 518 | 2 | -60 | 90 |
| Eastern Granite | BWSAC0861 | 295807 | 6971205 | 502 | 4 | -60 | 90 |
| Eastern Granite | BWSAC0862 | 295763 | 6971206 | 516 | 15 | -60 | 90 |
| Eastern Granite | BWSAC0863 | 295724 | 6971203 | 517 | 18 | -60 | 90 |
| Eastern Granite | BWSAC0864 | 295685 | 6971203 | 521 | 6 | -60 | 90 |
| Eastern Granite | BWSAC0865 | 295655 | 6971214 | 521 | 19 | -60 | 90 |
| Eastern Granite | BWSAC0866 | 295605 | 6971204 | 521 | 28 | -60 | 90 |
| Eastern Granite | BWSAC0867 | 296239 | 6971610 | 518 | 21 | -60 | 90 |
| Eastern Granite | BWSAC0868 | 296222 | 6971608 | 520 | 22 | -60 | 90 |
| Eastern Granite | BWSAC0869 | 296203 | 6971604 | 519 | 22 | -60 | 90 |
| Eastern Granite | BWSAC0870 | 296165 | 6971602 | 518 | 26 | -60 | 90 |
| Eastern Granite | BWSAC0871 | 296142 | 6971603 | 513 | 26 | -60 | 90 |
| Eastern Granite | BWSAC0872 | 296123 | 6971608 | 514 | 3 | -60 | 90 |
| Eastern Granite | BWSAC0873 | 296085 | 6971615 | 514 | 13 | -60 | 90 |
| Eastern Granite | BWSAC0874 | 296066 | 6971616 | 514 | 12 | -60 | 90 |
| Eastern Granite | BWSAC0875 | 296040 | 6971613 | 515 | 5 | -60 | 90 |
| Eastern Granite | BWSAC0876 | 296004 | 6971604 | 515 | 6 | -60 | 90 |
| Eastern Granite | BWSAC0877 | 295985 | 6971607 | 515 | 3 | -60 | 90 |
| Eastern Granite | BWSAC0878 | 295962 | 6971607 | 515 | 9 | -60 | 90 |
| Eastern Granite | BWSAC0879 | 295920 | 6971605 | 516 | 2 | -60 | 90 |
| **Note** | | | | | | | |
| Coordinates and azimuth relative to GDA 94 Zone 51. RL Derived from a DGPS. | | | | | | | |