



## Crusader-Templar Deep Diamond Drilling Extends Mineralisation to Over 600m Vertical Depth

### ASX: NXM

#### Capital Structure

Shares on Issue 288 million

Options 20 million

#### Corporate Directory

Mr Paul Boyatzis

Non-Executive Chairman

Mr Andy Tudor

Managing Director

Dr Mark Elliott

Non-Executive Director

Mr Bruce Maluish

Non-Executive Director

Mr Phillip Macleod

Company Secretary

#### Company Projects

Wallbrook Gold Project

Bethanga Copper-Gold Project

Pinnacles Gold Project

Pinnacles JV Gold Project  
(with Northern Star Limited  
ASX:NST)

Mt Celia Gold Project

#### Crusader-Templar Prospect Highlights

- Deep diamond drilling at Crusader-Templar intersects mineralisation at over 600m vertical depth
- Drilling confirms mineralisation at depth to compliment shallow mineralisation
- Remains open at depth and along strike
- Assay results from 4 diamond drill holes received
- Multiple zones of mineralised, altered and silicified quartz porphyry intersected at interpreted target depths in all 4 drill holes
- Significant results include:
  - DDH#6: 4m @ 4.26g/t Au from 736m (within 10.45m @ 1.82g/t Au from 732m);
  - DDH#6: 3.75m @ 3.52 g/t Au from 298m (within 8.25m @ 1.69g/t Au from 293m)(Visible Gold [VG] sample);
  - DDH#5: 1.22m @ 4.97g/t Au (within 5.02m @ 1.78g/t Au from 524.2m)(VG sample);
  - DDH#5: 0.39m @ 7.75g/t Au (within 4.06m @ 1.13g/t Au from 695m); and
  - DDH#5: 0.73m @ 2.64g/t Au (from 715m).
- Drilling exhibits strong strike and depth continuity of mineralised quartz porphyry from surface to over 600m
- Approximately 25,000m Reverse Circulation (RC) assay results advised for receipt in April – from Crusader-Templar, Solomon and Branches prospects



**Photo 1: Crusader – Templar Prospect Diamond Drill Hole #6  
736m – 740m 4m @ 4.26g/t Au (Within 10.45m @ 1.82g/t Au from 732m)  
Mineralised, altered and silicified quartz porphyry – “The Right Rocks”**



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**Nexus Minerals Limited (ASX: NXM)** (Nexus or the Company) is pleased to announce assay results from 4 diamond drill holes completed at the Crusader – Templar Prospect, within the Company’s Wallbrook gold project in WA.

Nexus Managing Director Andy Tudor commented *“The results continue to support our geological interpretation of this mineralised system, confirming it to be very large in both strike and now depth extent of over 600m. All four deep diamond drill holes intersected multiple zones of gold mineralisation at depth, within the same mineralised, altered and silicified quartz porphyry rock unit intersected in the shallower levels.*

*The four holes were drilled at a depth and in locations with no previous drilling activity and successfully “tagged” the Crusader – Templar mineralisation at depths of greater than 600m vertically. These are incredibly large step out holes and it is a credit to the Nexus exploration team to have intersected this mineralisation at these depths. The depth extent has only been drill tested to date in a small number of locations, along 1.6km of strike and remains open at depth.”*

The deep diamond drilling program will continue to test for mineralised zones at around the 600m level, with the aim of “tagging” the mineralisation at this depth along the full extent of the 1.6km strike. Currently the strike is being tested with broad spaced, deep diamond drill holes approximately 200m apart, with 4 holes completed to date - DDH#2, DDH#5, DDH#6 and DDH #10 (assays pending). The diamond drill program will also be testing:

- The 300m level to allow for effective RC drill program planning, as the 3 RC drill rig program continues to advance downwards from the shallower levels; and
- The 100 – 150m level to “twin” RC holes to verify the mineralised zones identified in shallower RC drilling.

| Hole ID      | Easting | Northing | mRL     | Azimuth | Dip | EOH (m) | From(m) | To (m) | Interval (m) | g/t Au |      |
|--------------|---------|----------|---------|---------|-----|---------|---------|--------|--------------|--------|------|
| NMWBDD21-005 | 432936  | 6696821  | 373.753 | 270     | -60 | 796.95  | 524.2   | 529.22 | 5.02         | 1.78   |      |
|              |         |          |         |         |     |         | inc.    | 528    | 529.22       | 1.22   | 4.97 |
|              |         |          |         |         |     |         |         | 695    | 699.06       | 4.06   | 1.13 |
|              |         |          |         |         |     |         | inc.    | 698.67 | 699.06       | 0.39   | 7.75 |
| NMWBDD22-006 | 433058  | 6697377  | 372.857 | 270     | -60 | 804.5   | 293.55  | 301.8  | 8.25         | 1.69   |      |
|              |         |          |         |         |     |         | inc.    | 298.05 | 301.8        | 3.75   | 3.52 |
|              |         |          |         |         |     |         |         | 581.4  | 593.6        | 12.20  | 0.97 |
|              |         |          |         |         |     |         | inc.    | 585.4  | 586          | 0.60   | 4.11 |
|              |         |          |         |         |     |         |         | 691.1  | 693.9        | 2.80   | 2.57 |
|              |         |          |         |         |     |         | inc.    | 692.14 | 693.9        | 1.76   | 3.81 |
|              |         |          |         |         |     |         |         | 711    | 713.8        | 2.80   | 1.89 |
|              |         |          |         |         |     |         | inc.    | 712.45 | 713.45       | 1.00   | 5.10 |
| NMWBDD22-007 | 433199  | 6697624  | 370.969 | 270     | -60 | 402.8   | 182     | 183.15 | 1.15         | 3.52   |      |
|              |         |          |         |         |     |         |         | 315    | 320          | 5.00   | 1.00 |
|              |         |          |         |         |     |         | inc.    | 319.4  | 320          | 0.60   | 4.54 |
|              |         |          |         |         |     |         |         | 301    | 307.7        | 6.70   | 0.97 |
|              |         |          |         |         |     |         | inc.    | 305    | 306          | 1.00   | 3.81 |
|              |         |          |         |         |     |         |         | 732    | 742.45       | 10.45  | 1.82 |
|              | 736     | 740      | 4.00    | 4.26    |     |         |         |        |              |        |      |
| NMWBDD22-008 | 433526  | 6697260  | 374.465 | 90      | -60 | 405.8   | 301     | 307.7  | 6.70         | 0.97   |      |
|              |         |          |         |         |     |         | inc.    | 305    | 306          | 1.00   | 3.81 |
|              |         |          |         |         |     |         |         |        |              |        |      |
|              |         |          |         |         |     |         |         |        |              |        |      |

**Table 1: Crusader – Templar Prospect Diamond Drill Holes Selected Intercepts**

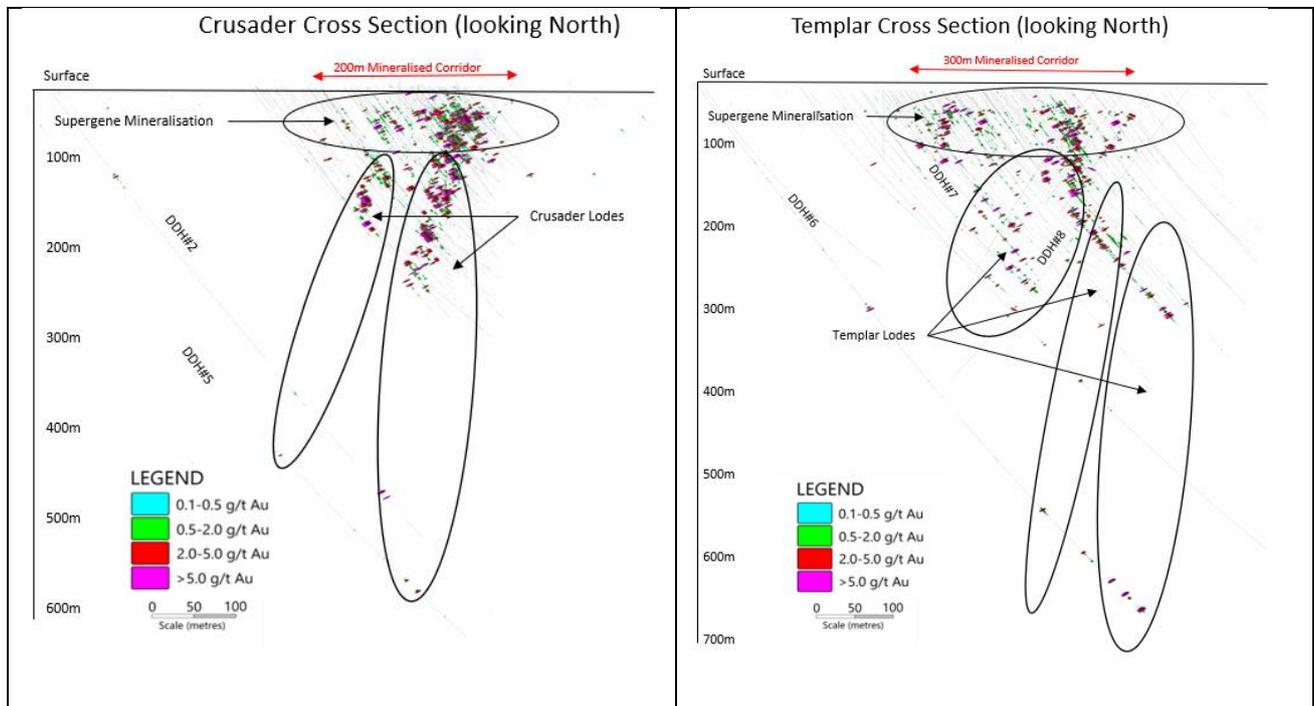


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The gold mineralisation intersected in the deep diamond holes has confirmed the altered mineralised quartz porphyry unit continues from near surface to depths in excess of 600m vertically. The RC and diamond drilling completed to date across the entire 1.6km of strike at Crusader-Templar has shown excellent strike and depth continuity to the mineralisation.

Figures 1 and 2 below are cross sections showing all drill holes across the Crusader (800m strike) and Templar (800m strike) prospects that make up the combined 1.6km Crusader-Templar strike. The strong continuity of mineralisation both from section to section, and from surface to depths of over 600m, is noted and is clearly evident. The Crusader section is more populated with drill information and the hanging wall and footwall lodes are well defined. The Templar section is starting to develop the multiple lodes, and these will become clearer as the drill density continues to develop.

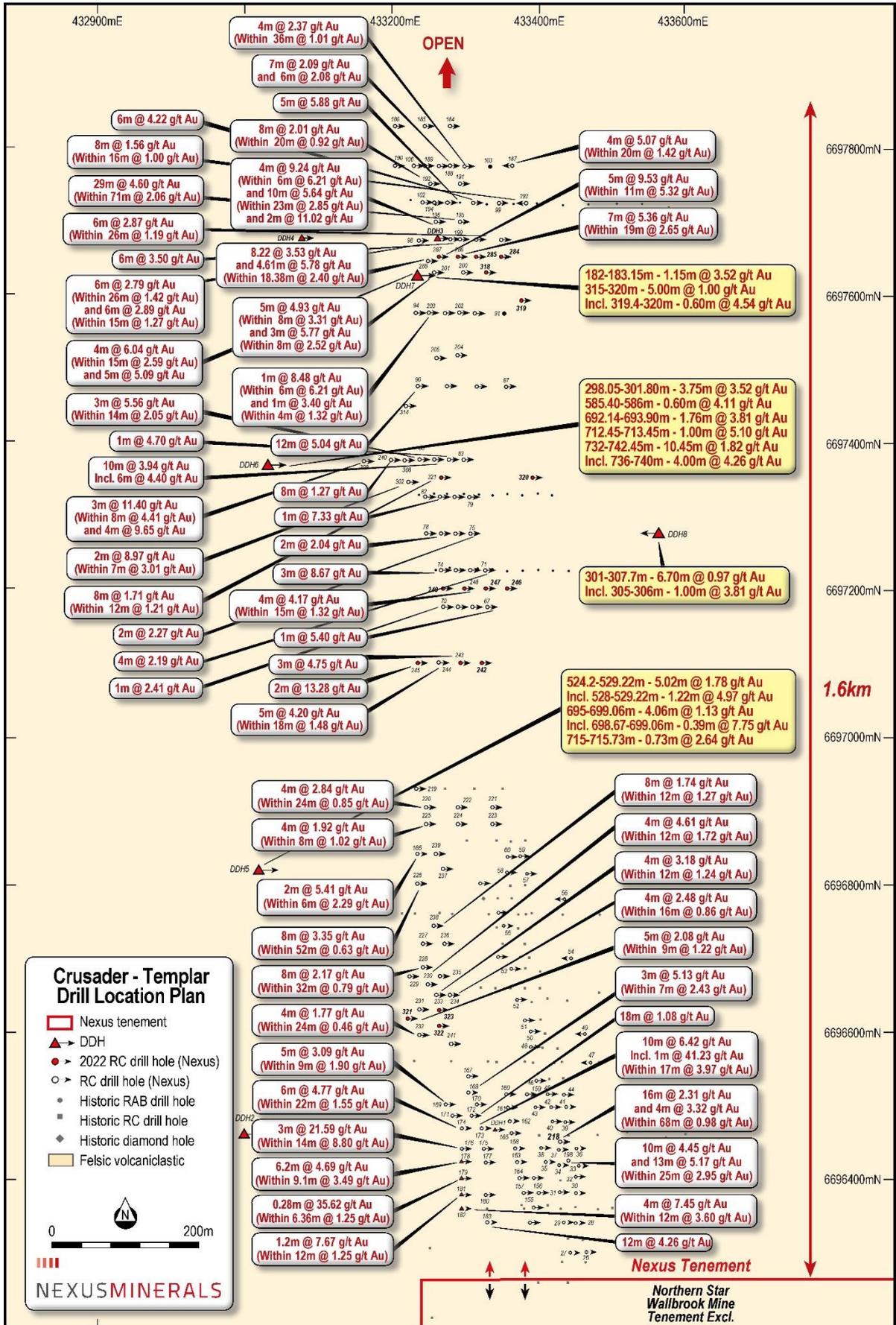
This strong continuity of the mineralised zones allows for accurate RC drill planning and mineralisation targeting in the shallower levels <300m, with the diamond drill targeting the mineralisation at depths between 300m and 600m vertically.



**Figures 1 and 2: Crusader and Templar Prospects Drill Hole Cross Sections**  
**All RC and Diamond drill holes represented**



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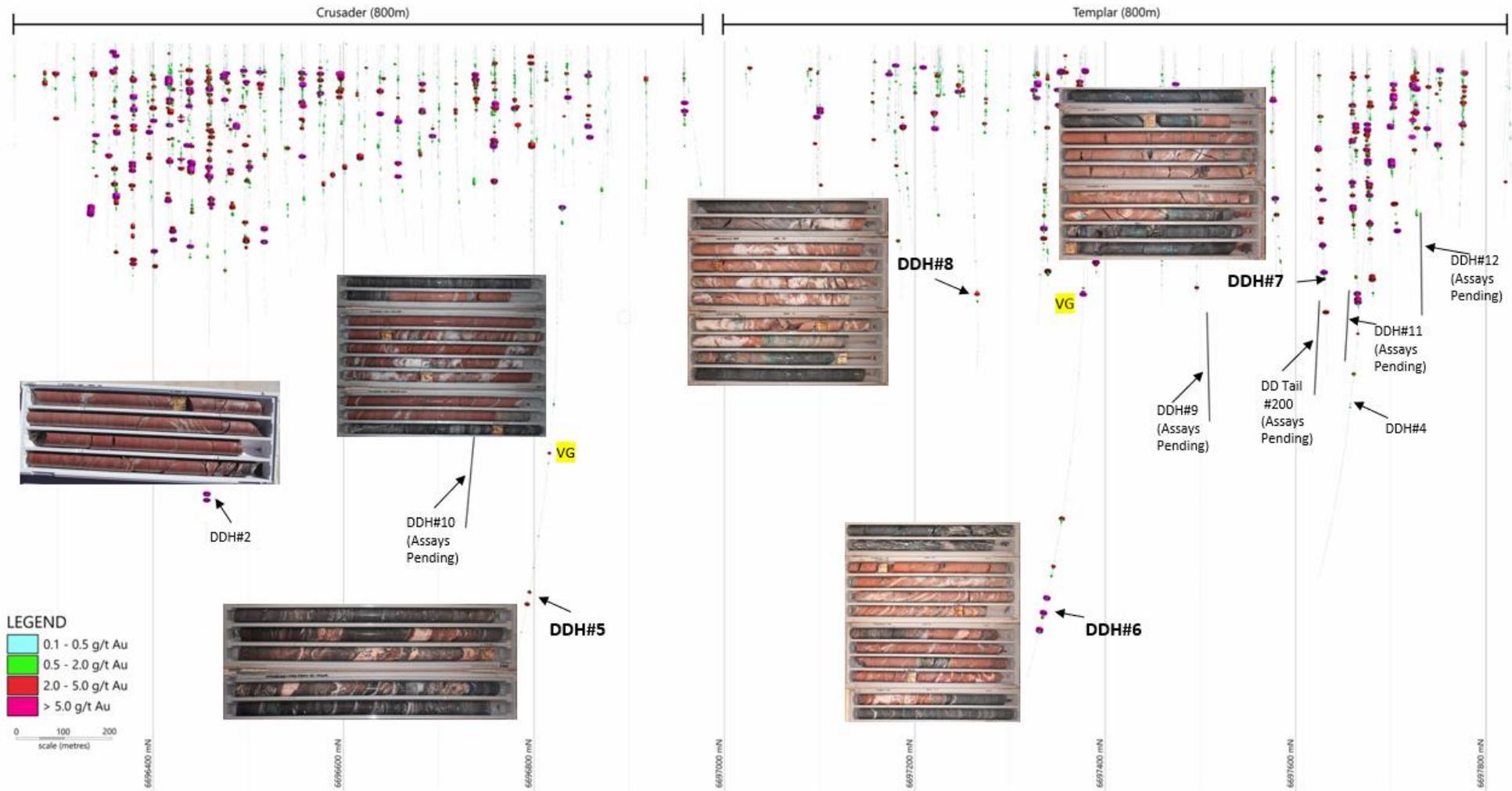


**Figure 3: Crusader – Templar Prospect Drill Hole Location Plan**  
(Yellow highlighted boxes selected new results / White boxes Nexus drill results)



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## Crusader - Templar Long Section (looking west)



**Figure 4: Crusader–Templar Prospect All Drill Holes Long Section  
Looking West 1.6km Strike Extent  
All existing RC and diamond drill strings with results colour coded for downhole gold values.**



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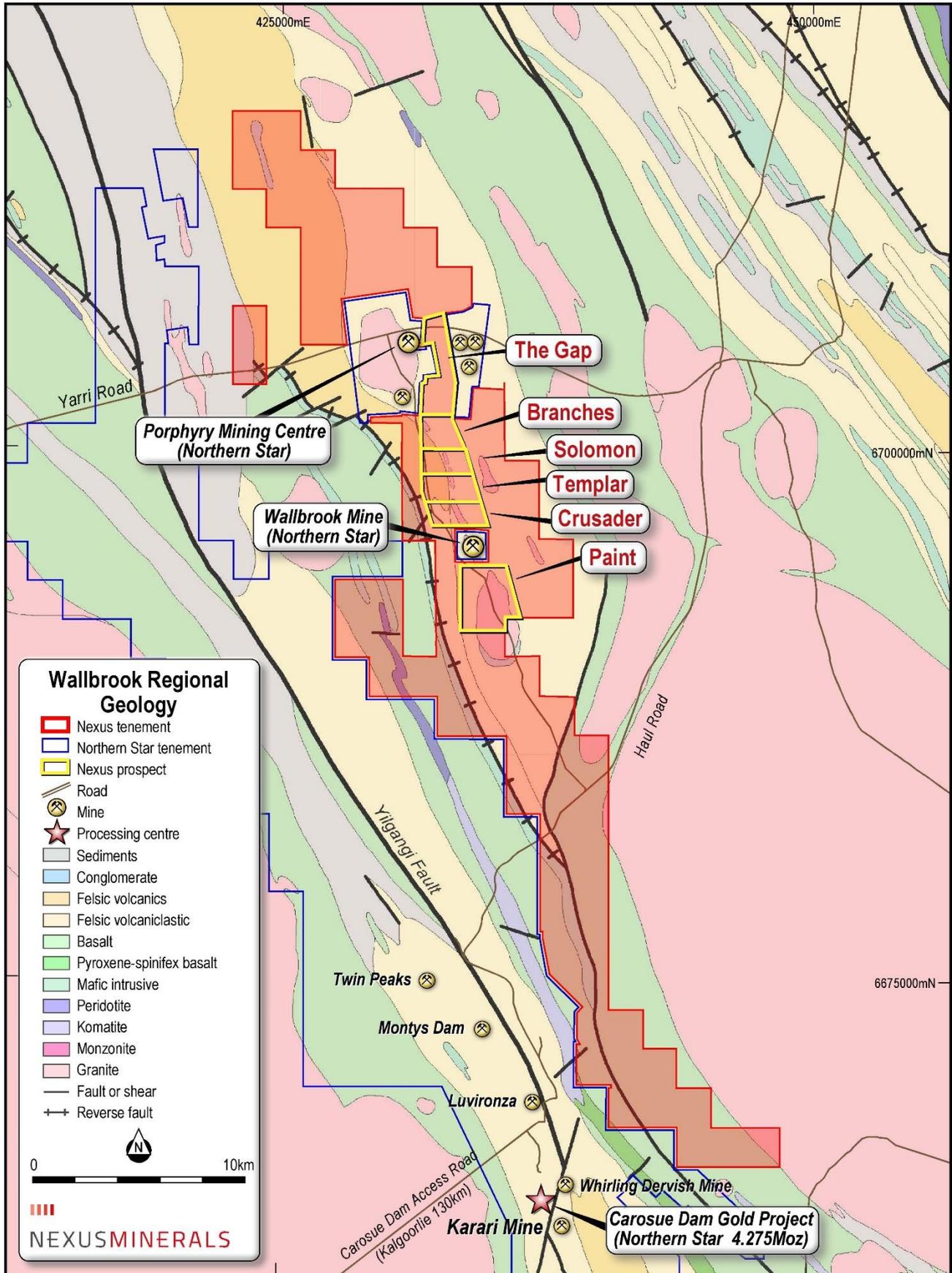


Figure 5: Wallbrook Project Tenure over Geology



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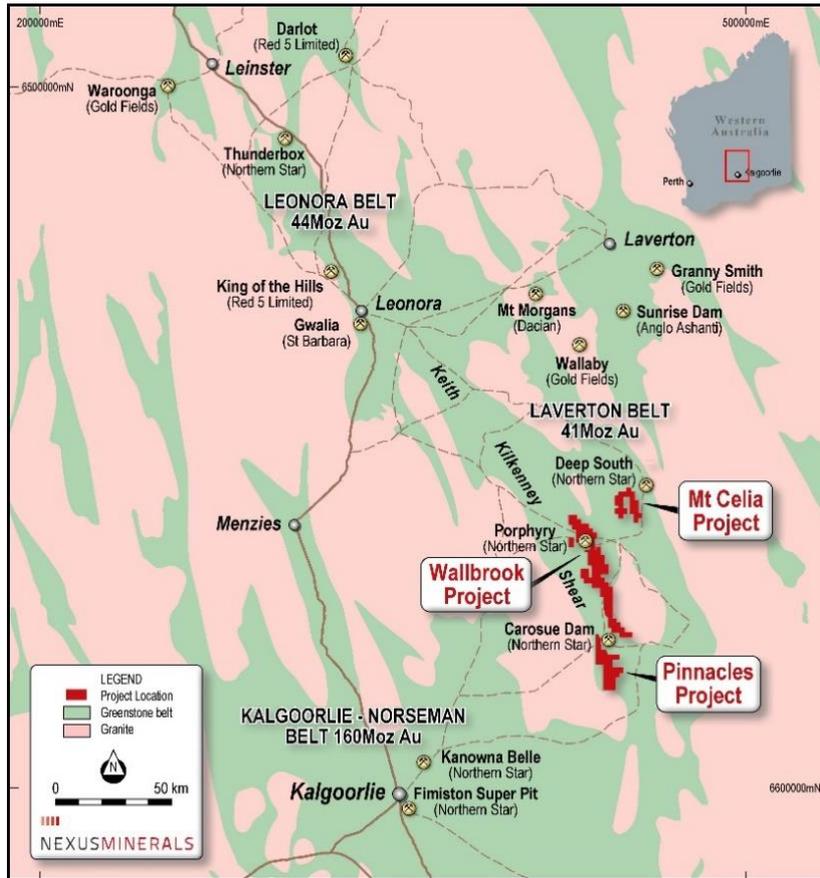
## Appendix 1

| Hole ID      | Easting       | Northing      | mRL          | Azimuth     | Dip | EOH (m) | From(m)       | To (m)        | Interval (m)  | g/t Au       |             |
|--------------|---------------|---------------|--------------|-------------|-----|---------|---------------|---------------|---------------|--------------|-------------|
| NMWBDD21-005 | 432936        | 6696821       | 373.753      | 270         | -60 | 796.95  | 342.75        | 343.6         | 0.85          | 0.10         |             |
|              |               |               |              |             |     |         | 413           | 414           | 1.00          | 0.22         |             |
|              |               |               |              |             |     |         | 423           | 425           | 2.00          | 0.28         |             |
|              |               |               |              |             |     |         | 439           | 452           | 13.00         | 0.14         |             |
|              |               |               |              |             |     |         | 489.5         | 490           | 0.50          | 0.11         |             |
|              |               |               |              |             |     |         | 511           | 515.5         | 4.50          | 0.37         |             |
|              |               |               |              |             |     |         | inc.          | <b>511.45</b> | <b>512</b>    | <b>0.55</b>  | <b>2.17</b> |
|              |               |               |              |             |     |         |               | <b>524.2</b>  | <b>529.22</b> | <b>5.02</b>  | <b>1.78</b> |
|              |               |               |              |             |     |         | inc.          | <b>528</b>    | <b>529.22</b> | <b>1.22</b>  | <b>4.97</b> |
|              |               |               |              |             |     |         |               | 604           | 605           | 1.00         | 0.22        |
|              |               |               |              |             |     |         |               | 621.8         | 625           | 3.20         | 0.21        |
|              |               |               |              |             |     |         |               | 665.35        | 666           | 0.65         | 0.31        |
|              |               |               |              |             |     |         |               | <b>695</b>    | <b>699.06</b> | <b>4.06</b>  | <b>1.13</b> |
|              |               |               |              |             |     |         | inc.          | <b>698.67</b> | <b>699.06</b> | <b>0.39</b>  | <b>7.75</b> |
|              |               |               |              |             |     |         |               | <b>715</b>    | <b>715.73</b> | <b>0.73</b>  | <b>2.64</b> |
|              | 754           | 755.09        | 1.09         | 0.50        |     |         |               |               |               |              |             |
| NMWBDD22-006 | 433058        | 6697377       | 372.857      | 270         | -60 | 804.5   | 101           | 102           | 1.00          | 0.57         |             |
|              |               |               |              |             |     |         | 116           | 117           | 1.00          | 0.15         |             |
|              |               |               |              |             |     |         | 122           | 128           | 6.00          | 0.15         |             |
|              |               |               |              |             |     |         | 148           | 148.3         | 0.30          | 0.99         |             |
|              |               |               |              |             |     |         | 168           | 171           | 3.00          | 0.19         |             |
|              |               |               |              |             |     |         | 190           | 191           | 1.00          | 0.13         |             |
|              |               |               |              |             |     |         | 220           | 220.95        | 0.95          | 0.48         |             |
|              |               |               |              |             |     |         | 270           | 271           | 1.00          | 0.23         |             |
|              |               |               |              |             |     |         | <b>293.55</b> | <b>301.8</b>  | <b>8.25</b>   | <b>1.69</b>  |             |
|              |               |               |              |             |     |         | inc.          | <b>298.05</b> | <b>301.8</b>  | <b>3.75</b>  | <b>3.52</b> |
|              |               |               |              |             |     |         |               | 400           | 401           | 1.00         | 0.35        |
|              |               |               |              |             |     |         |               | 508           | 515           | 7.00         | 0.14        |
|              |               |               |              |             |     |         |               | <b>581.4</b>  | <b>593.6</b>  | <b>12.20</b> | <b>0.97</b> |
|              |               |               |              |             |     |         | inc.          | <b>585.4</b>  | <b>586</b>    | <b>0.60</b>  | <b>4.11</b> |
|              |               |               |              |             |     |         |               | 618           | 619           | 1.00         | 0.31        |
|              |               |               |              |             |     |         |               | 648.75        | 664.37        | 15.62        | 0.59        |
|              |               |               |              |             |     |         |               | <b>691.1</b>  | <b>693.9</b>  | <b>2.80</b>  | <b>2.57</b> |
|              |               |               |              |             |     |         | inc.          | <b>692.14</b> | <b>693.9</b>  | <b>1.76</b>  | <b>3.81</b> |
|              | <b>711</b>    | <b>713.8</b>  | <b>2.80</b>  | <b>1.89</b> |     |         |               |               |               |              |             |
| inc.         | <b>712.45</b> | <b>713.45</b> | <b>1.00</b>  | <b>5.10</b> |     |         |               |               |               |              |             |
|              | <b>717.5</b>  | <b>720.6</b>  | <b>3.10</b>  | <b>1.12</b> |     |         |               |               |               |              |             |
|              | <b>732</b>    | <b>742.45</b> | <b>10.45</b> | <b>1.82</b> |     |         |               |               |               |              |             |
| inc.         | <b>736</b>    | <b>740</b>    | <b>4.00</b>  | <b>4.26</b> |     |         |               |               |               |              |             |
| NMWBDD22-007 | 433199        | 6697624       | 370.969      | 270         | -60 | 402.8   | 33            | 37            | 4.00          | 0.60         |             |
|              |               |               |              |             |     |         | 45            | 46            | 1.00          | 0.19         |             |
|              |               |               |              |             |     |         | 59.45         | 60            | 0.55          | 0.11         |             |
|              |               |               |              |             |     |         | 82            | 83            | 1.00          | 0.26         |             |
|              |               |               |              |             |     |         | 86.1          | 87            | 0.90          | 0.33         |             |
|              |               |               |              |             |     |         | 111           | 112           | 1.00          | 0.17         |             |
|              |               |               |              |             |     |         | 115           | 117           | 2.00          | 0.14         |             |
|              |               |               |              |             |     |         | 121           | 123           | 2.00          | 0.40         |             |
|              |               |               |              |             |     |         | 167           | 168           | 1.00          | 0.18         |             |
|              |               |               |              |             |     |         | <b>182</b>    | <b>183.15</b> | <b>1.15</b>   | <b>3.52</b>  |             |
|              |               |               |              |             |     |         | 284.25        | 285           | 0.75          | 0.40         |             |
|              |               |               |              |             |     |         | <b>315</b>    | <b>320</b>    | <b>5.00</b>   | <b>1.00</b>  |             |
|              |               |               |              |             |     |         | inc.          | <b>319.4</b>  | <b>320</b>    | <b>0.60</b>  | <b>4.54</b> |
| NMWBDD22-008 | 433526        | 6697260       | 374.465      | 90          | -60 | 405.8   | 50            | 52            | 2.00          | 0.11         |             |
|              |               |               |              |             |     |         | 53            | 54            | 1.00          | 0.11         |             |
|              |               |               |              |             |     |         | 179.4         | 184           | 4.60          | 0.29         |             |
|              |               |               |              |             |     |         | 207           | 212           | 5.00          | 0.35         |             |
|              |               |               |              |             |     |         | 264           | 265.4         | 1.40          | 0.39         |             |
|              |               |               |              |             |     |         | <b>301</b>    | <b>307.7</b>  | <b>6.70</b>   | <b>0.97</b>  |             |
|              |               |               |              |             |     |         | inc.          | <b>305</b>    | <b>306</b>    | <b>1.00</b>  | <b>3.81</b> |
|              | 313           | 316.7         | 3.70         | 0.72        |     |         |               |               |               |              |             |

Table 2: Crusader – Templar Prospect Diamond Drill Holes All Intercepts >0.1g/t Au



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**Figure 6: Nexus Project Locations, Eastern Goldfields, WA**

This announcement is authorised for release by Mr Andy Tudor, Managing Director, Nexus Minerals Limited.

## **About Nexus**

Nexus is actively exploring for gold deposits on its highly prospective tenement package in the Eastern Goldfields of Western Australia. In addition to this, the company has recently expanded its existing project portfolio with the addition of the Bethanga Porphyry Copper-Gold project in Victoria.

In Western Australia, the consolidation of the highly prospective Wallbrook Gold Project (250km<sup>2</sup>) by the amalgamation of existing Nexus tenements with others acquired, will advance these gold exploration efforts.

Nexus Minerals' tenement package at the Wallbrook Gold Project commences immediately to the north of Northern Star's multi-million ounce Carosue Dam mining operations, and current operating Karari and Whirling Dervish underground gold mines. Nexus holds a significant land package of highly prospective geological terrane within a major regional structural corridor and is exploring for gold deposits.

Nexus is actively investing in new exploration techniques to refine the targeting approach for their current and future tenements.

**- Ends -**

**Enquiries**      **Mr Andy Tudor, Managing Director**  
                      **Mr Paul Boyatzis, Non-Executive Chairman**

**Contact**        **Phone: 08 9481 1749**

**Website**       **[www.nexus-minerals.com](http://www.nexus-minerals.com)**

**ASX Code**     **NXM**



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## Northern Star Ltd Carosue Dam Reserve and Resource Table

| MINERAL RESOURCES AS AT 31 MARCH 2021        |                   |                |                   |                   |                |                   |                   |                |                   |                   |                |                   |
|--|-------------------|----------------|-------------------|-------------------|----------------|-------------------|-------------------|----------------|-------------------|-------------------|----------------|-------------------|
|  | MEASURED          |                |                   | INDICATED         |                |                   | INFERRED          |                |                   | TOTAL RESOURCES   |                |                   |
|  | Tonnes<br>(000's) | Grade<br>(gpt) | Ounces<br>(000's) |
| <b>NST ATTRIBUTABLE INCLUSIVE OF RESERVE</b> |                   |                |                   |                   |                |                   |                   |                |                   |                   |                |                   |
| <b>CAROSUE DAM GOLD PROJECT</b>              |                   |                |                   |                   |                |                   |                   |                |                   |                   |                |                   |
| Surface                                      | 3,123             | 1.5            | 149               | 24,270            | 1.6            | 1,278             | 9,670             | 1.4            | 429               | 37,062            | 1.6            | 1,856             |
| Underground                                  | 6,522             | 2.9            | 602               | 13,968            | 2.6            | 1,184             | 6,583             | 2.9            | 546               | 27,074            | 2.8            | 2,332             |
| Stockpiles                                   | 3,212             | 2.0            | 81                | -                 | -              | -                 | -                 | -              | -                 | 3,212             | 2.0            | 81                |
| Gold in Circuit                              | -                 | -              | 7                 | -                 | -              | -                 | -                 | -              | -                 | -                 | -              | 7                 |
| <b>Sub-Total Carosue Dam</b>                 | <b>12,857</b>     | <b>2.0</b>     | <b>838</b>        | <b>38,238</b>     | <b>2.0</b>     | <b>2,463</b>      | <b>16,253</b>     | <b>2.0</b>     | <b>975</b>        | <b>67,348</b>     | <b>2.0</b>     | <b>4,275</b>      |

Source: Northern Star website ([www.nsr ltd.com](http://www.nsr ltd.com)) Northern Star Ltd Annual Report 2021 Mineral Resources as at 31 March 2021

The information in this release that relates to Exploration Results, Mineral Resources or Ore Reserves is based on, and fairly represents, information and supporting documentation, prepared, compiled or reviewed by Mr Andy Tudor, who is a Member of the Australasian Institute of Mining and Metallurgy and the Australian Institute of Geoscientists. Mr Tudor is the Managing Director and full-time employee of Nexus Minerals Limited. Mr Tudor has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity for which he is undertaking to qualify as a Competent Person as defined in the 2012 Edition of the "Australian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves". Mr Tudor consents to the inclusion in the release of the matters based on his information in the form and context in which it appears. The results are available to be viewed on the Company website [www.nexus-minerals.com](http://www.nexus-minerals.com). The Company confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the original announcements.

The information in this release that relates to the Crusader Mineral Resource Estimate is based upon information compiled by Mr Adam James, a Competent Person who is a member of The Australasian Institute of Mining and Metallurgy and the Australian Institute of Geoscientists. Mr James is a full-time employee and the Exploration Manager of Nexus Minerals Limited. Mr James has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken 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 James consents to the inclusion in the release of matters based on his information in the form and context in which it appears.

No Ore Reserves have currently been defined on the Pinnacles or Wallbrook tenements. There has been insufficient exploration and technical studies to estimate an Ore Reserve and it is uncertain if further exploration and/or technical studies will result in the estimation of an Ore Reserve. The potential for the development of a mining operation and sale of ore from the Pinnacles or Wallbrook tenements has yet to be established.

**FORWARD LOOKING AND CAUTIONARY STATEMENTS.** Some statements in this announcement regarding estimates or future events are forward-looking statements. They include indications of, and guidance on, future earnings, cash flow, costs and financial performance. Forward looking statements include, but are not limited to, statements preceded by words such as "planned", "expected", "projected", "estimated", "may", "scheduled", "intends", "anticipates", "believes", "potential", "predict", "foresee", "proposed", "aim", "target", "opportunity", "could", "nominal", "conceptual" and similar expressions. Forward-looking statements, opinions and estimates included in this report are based on assumptions and contingencies which are subject to change without notice, as are statements about market and industry trends, which are based on interpretations of current market conditions. Forward-looking statements are provided as a general guide only and should not be relied on as a guarantee of future performance. Forward-looking statements may be affected by a range of variables that could cause actual results to differ from estimated results and may cause the Company's actual performance and financial results in future periods to materially differ from any projections of future performance or results expressed or implied by such forward-looking statements. So, there can be no assurance that actual outcomes will not materially differ from these forward-looking statements.

## Appendix A 11/04/2022

### JORC Code, 2012 Edition – Table 1

#### Section 1 Sampling Techniques and Data

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

| Criteria            | JORC Code explanation  | Commentary  |
|---------------------|--|---|
| Sampling techniques | <p><i>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). These examples should not be taken as limiting the broad meaning of sampling.</i></p> <p><i>Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.</i></p> <p><i>Aspects of the determination of mineralisation that are Material to the Public Report.</i></p> <p><i>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.</i></p> | <p><b>RC</b> The sampling was carried out using Reverse Circulation Drilling (RC).</p> <p>RC chips provide high quality representative samples for analysis.</p> <p>Sampling was carried out in accordance with Nexus Minerals protocols and QAQC procedures which are considered to be industry best practice.</p> <p>RC holes were drilled with a 5.5inch face sampling bit, with 1m samples collected through a cyclone and cone splitter producing a 2-3kg sample. 1m samples were sent to the laboratory for analysis.</p> <p>4m composite samples and individual 1m samples were sent to the laboratory for analysis.</p> <p>All samples were pulverized at the laboratory to -75um, to produce a 50g charge for gold Fire Assay with ICP finish.</p> <p>Sample pulps were also subjected to additional laboratory XRF analysis – this was undertaken as part of the companies R&amp;D project.</p> <p><b>DDH</b></p> <p>Diamond core is HQ, sampled at 1m intervals or geological boundaries and cut into half core for analysis. All samples were pulverized at the laboratory to -75um, to produce a 50g charge for gold Fire Assay with ICP finish.</p> <p>Sample spits for NMWBDD21-005 were pulverized at the laboratory to -5mm, to produce a 500g charge for Chrysos™ Photon Assay.</p> |

| Criteria                     | JORC Code explanation  | Commentary   |
|------------------------------|--|--|
| <i>Drilling techniques</i>   | <i>Drill type (eg core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (eg core diameter, 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).</i>   | <p>An RC drilling rig, owned by Raglan Drilling, was used to undertake the RC drilling and collect the samples. The face sampling bit had a diameter of 5.5 inches (140mm).</p> <p>A Diamond Drill rig owned by Raglan Drilling was used to undertake the Diamond drilling. Diamond core was oriented using Reflex Act 111 tool.</p>   |
| <i>Drill sample recovery</i> | <p><i>Method of recording and assessing core and chip sample recoveries and results assessed.</i></p> <p><i>Measures taken to maximise sample recovery and ensure representative nature of the samples.</i></p> <p><i>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.</i></p>                           | <p>All samples were dry with no significant ground water encountered.</p> <p>RC face sampling bits and dust suppression were used to minimise sample loss. Average RC meter sample weight recovered was 25kg with minimal variation between samples.</p> <p>No sample bias is believed to have occurred during the sampling process.</p> <p>Diamond core recovery percentages calculated from measured core versus drilled intervals are logged and recorded in database. Recoveries averaged &gt;95%.</p> <p>Diamond core is reconstructed into continuous runs on an angle iron cradle for orientation marking.</p> <p>No sample bias is believed to have occurred during the sampling process.</p>  |
| <i>Logging</i>               | <p><i>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.</i></p> <p><i>Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.</i></p> <p><i>The total length and percentage of the relevant intersections logged.</i></p> | <p>All RC chip samples were geologically logged by Nexus Minerals Geologists, using the approved Nexus Minerals logging code.</p> <p>Logging of RC chips: Lithology, mineralogy, alteration, mineralisation, colour, weathering and other characteristics as observed. All RC samples were wet sieved.</p> <p>All holes and all meters were geologically logged.</p> <p>All diamond core samples were geologically logged by Nexus Minerals Geologists, using the approved Nexus Minerals logging code.</p> <p>Logging of diamond core recorded: Lithology, mineralogy, alteration, mineralisation, colour, weathering and other characteristics as observed. All diamond core was photographed.</p> <p>All holes and all meters were geologically logged.</p> |

| Criteria   | JORC Code explanation  | Commentary   |
|--|--|--|
| <p><i>Sub-sampling techniques and sample preparation</i></p> | <p><i>If core, whether cut or sawn and whether quarter, half or all core taken.</i></p> <p><i>If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.</i></p> <p><i>or all sample types, the nature, quality and appropriateness of the sample preparation technique.</i></p> <p><i>Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.</i></p> <p><i>Measures taken to ensure that the sampling is representative of the in situ material collected, including for instance results for field duplicate/second-half sampling.</i></p> <p><i>Whether sample sizes are appropriate to the grain size of the material being sampled.</i></p> | <p>One meter RC drill samples pass through a cone splitter, installed directly beneath a rig mounted cyclone, and two 2-3kg samples collected in a numbered calico bags. The balance of the 1m sample ~25kg is collected in a green plastic bag. The green bags are placed in rows of 20 and the corresponding calico bag placed on top of the green bag.</p> <p>4m composite samples are collected by scooping ~500g from 4 consecutive green bags.</p> <p>All samples submitted for analysis were dry.</p> <p>Samples were prepared at the Intertek Laboratory in Kalgoorlie. Samples were dried, and the whole sample pulverized to 85% passing 75um, with a sub-sample of ~200g retained. A nominal 50g was used for analysis. This is best industry practice.</p> <p>For diamond hole NMWBDD21-005 500g sample splits were crushed to 5mm for Chrysos™ photon analysis.</p> <p>Duplicate field samples are taken from the cone splitter at 1:25 samples.</p> <p>Sampling methods and company QAQC protocols are best industry practice.</p> <p>Sample sizes are considered appropriate for the material being sampled and the sample size being submitted for analysis.</p> <p>All drill core is cut in half, using an automatic core saw. Samples always collected from the same side.</p> <p>Sampling methods and company QAQC protocols are best industry practice. Sample sizes are considered appropriate for the material being sampled and the sample size being submitted for analysis.</p> |
| <p><i>Quality of assay data and laboratory tests</i></p>     | <p><i>The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.</i></p>   | <p>Samples were analysed at multiple laboratories including ALS and Intertek Genalysis.</p> <p>All samples were analysed for gold only using Fire Assay technique with ICP finish. This method is considered appropriate for the material being assayed. The method provides a near total digestion of the material.</p> <p>Sample splits for NMWBDD21-005 were also analysed for gold using Chrysos™ Photon Assay.</p>  |

| Criteria  | JORC Code explanation   | Commentary   |
|---|---|--|
|   | <p><i>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.</i></p> <p><i>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.</i></p> | <p>This method is considered appropriate for the material being assayed. The method provides a near total digestion of the material.</p> <p>No other geophysical tools, spectrometers etc. were used in this drill program.</p> <p>Nexus Minerals protocol provides for Certified Reference Material (Standards and Blanks) to be inserted at a rate of 4 standards and 4 blank per 100 samples. Field duplicates are inserted at a rate of 1 per 25 samples. Industry acceptable levels of accuracy and precision have been returned.</p> |
| <p><i>Verification of sampling and assaying</i></p> | <p><i>The verification of significant intersections by either independent or alternative company personnel.</i></p> <p><i>The use of twinned holes.</i></p> <p><i>Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.</i></p> <p><i>Discuss any adjustment to assay data.</i></p>  | <p>Significant intersections were verified by the Exploration Manager.</p> <p>No twin holes were drilled as part of this program</p> <p>All field logging is carried out on a Toughbook computer. Data is submitted electronically to the database geologist in Perth. Assay files are received electronically from the laboratory and added to the database. All data is managed by the database geologist.</p> <p>No adjustment to assay data has occurred.</p>  |
| <p><i>Location of data points</i></p>               | <p><i>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.</i></p> <p><i>Specification of the grid system used.</i></p> <p><i>Quality and adequacy of topographic control.</i></p>   | <p>Drill hole locations were determined using a handheld GPS, with an accuracy of 3m. Down hole surveys were taken using a Gyro survey tool with readings taken every 10m.</p> <p>Grid projection is GDA94 Zone51.</p> <p>The drill hole collar RL is allocated from a handheld GPS.</p> <p>Accuracy is +/- 3m.</p>  |
| <p><i>Data spacing and distribution</i></p>         | <p>Data spacing for reporting of Exploration Results.</p> <p>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.</p>   | <p>Drilling took place at the <b>Crusader Templar Prospect</b>.</p> <p>This release refers to these prospects results only.</p> <p>The data spacing and distribution is not sufficient to establish the degree of geological and grade continuity appropriate for any Mineral Resource and Ore Reserve estimation procedure(s) and classifications to be applied.</p>  |

| Criteria   | JORC Code explanation   | Commentary  |
|--|---|---|
|  | Whether sample compositing has been applied.  | Yes, as stated above.   |
| <i>Orientation of data in relation to geological structure</i> | <p><i>Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.</i></p> <p><i>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.</i></p> | <p>The orientation of the drill lines is considered to be perpendicular to the strike of the regional structures controlling the mineralisation (0 degrees). Holes were drilled -60 degrees towards 090 degrees.</p> <p>The relationship between the drilling orientation and the orientation of key mineralised structures is not considered to have introduced a sampling bias.</p> |
| <i>Sample security</i>   | <i>The measures taken to ensure sample security.</i>  | Pre numbered calico bags were placed into green plastic bags, sealed and transported to the Intertek laboratory in Kalgoorlie by company personnel.   |
| <i>Audits or reviews</i>                                       | <i>The results of any audits or reviews of sampling techniques and data.</i>  | All sampling, logging, assaying and data handling techniques are considered to be industry best practice.   |

## Section 2 Reporting of Exploration Results

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

| Criteria                                       | JORC Code explanation   | Commentary  |
|--|---|---|
| <i>Mineral tenement and land tenure status</i> | <p><i>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.</i></p> <p><i>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.</i></p> | <p>Drilling was undertaken on tenement M31/231 and M31/251.</p> <p>Nexus 100%</p> <p>There are no other known material issues with the tenements.</p> <p>The tenements are in good standing with the Western Australian Mines Department (DMP).</p> |
| <i>Exploration done by other parties</i>       | <i>Acknowledgment and appraisal of exploration by other parties.</i>  | The tenement has been subject to minimal prior exploration activities.  |

| Criteria   | JORC Code explanation  | Commentary  |
|--|--|---|
| Geology  | <i>Deposit type, geological setting and style of mineralisation.</i>   | Gold mineralisation in the Wallbrook area is known to be closely associated with quartz +/- pyrite and brick-red coloured haematitic alteration of high level porphyry intrusives and their volcanic / sedimentary host rocks.  |
| Drill hole Information   | <p><i>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:</i></p> <ul style="list-style-type: none"> <li>○ <i>easting and northing of the drill hole collar</i></li> <li>○ <i>elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar</i></li> <li>○ <i>dip and azimuth of the hole</i></li> <li>○ <i>down hole length and interception depth</i></li> <li>○ <i>hole length.</i></li> </ul> <p><i>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.</i></p> | Refer to ASX announcements for full tables.   |
| Data aggregation methods   | <p><i>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.</i></p> <p><i>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.</i></p> <p><i>The assumptions used for any reporting of metal equivalent values should be clearly stated.</i></p>  | <p>No top cuts have been applied to the reported assay results.</p> <p>No aggregate intercepts incorporate short lengths of high grade results and longer lengths of low grade results.</p> <p>No metal equivalent values were reported.</p>  |
| Relationship between mineralisation widths and intercept lengths | <p><i>These relationships are particularly important in the reporting of Exploration Results.</i></p> <p><i>If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.</i></p> <p><i>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').</i></p>  | <p>The orientation of the drill lines is considered to be perpendicular to the strike of the regional structures controlling the mineralisation (0 degrees). Holes were drilled -60 degrees towards 090 degrees.</p> <p>All reported intersections are down-hole length – true width not known.</p> |

| Criteria                                  | JORC Code explanation  | Commentary   |
|---|--|--|
| <i>Diagrams</i>                           | <i>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.</i>  | Refer to the maps included in the text.  |
| <i>Balanced reporting</i>                 | <i>Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results.</i>   | Clearly stated in body of release  |
| <i>Other substantive exploration data</i> | <i>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 results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.</i> | No other exploration data to be reported.  |
| <i>Further work</i>                       | <i>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.</i>                                       | Post full assessment of recent drill results and integration with existing data sets, future work programs may include Aircore drilling and/or RC/Diamond drilling to follow up on the results received from this drill program. |