

**ASX Announcement** 

# HIGH-GRADE HOPES HILL RESULTS CONTINUE AT DEPTH

## Drilling to Ramp Up with 4th Drill Rig Onsite in Coming Weeks

#### **Highlights:**

- Hopes Hill project continues to deliver high-grade reverse circulation (RC) drill results at depth, including:
  - GHHHRC0088: 3m @ 23.8 g/t Au from 193m
    - o within a broader zone of 8m @ 9.1 g/t Au from 193m
  - GHHHRC0070: 7m @ 3.1 g/t Au from 120m
    - o within a broader zone of 34m @ 1.4 g/t Au from 120
  - GHHHRC0070: 6m @ 5.3 g/t Au from 212m
    - o within a broader zone of 13m @ 2.7 g/t Au from 212m
  - GHHHRC0102: 5m @ 3.5 g/t Au from 265m
    - o within a broader zone of 15m @ 1.5 g/t Au from 265m
- Diamond Drill (DD) results are starting to flow with several holes queued for cutting and laboratory assaying with results expected over coming weeks.
- A second DD rig will be on site later this month, bringing total rigs on site to four, to accelerate the
  diamond tail program following the extensive pre-collar RC drilling completed. The second DD rig
  will free up the opportunity to pursue regional targets with an allocated RC rig.
- A comprehensive geophysical overview study was completed by geophysical specialist, Newexco, over several areas within the +130km of Golden Horse controlled tenure. Key findings highlighted multiple targets identified with several recommended for immediate drill testing including Hopes Hill North, Aries, and south of Hopes Hill.

#### Golden Horse Managing Director, Nicholas Anderson said:

"Drilling at Hopes Hill has gained significant momentum, with a strong focus on preparing for deeper diamond holes with 26 RC pre-collars completed along the 1.3km strike. A second diamond rig planned to be mobilised shortly bringing the rig stable to four.

"The recent results, including more than one ounce mineralisation over 2m in hole GHHHRC0088 (approximately160 vertical metres below the surface), highlight the high-grade nature and depth potential of the Hopes Hill mineralised system and provides clear targets for immediate follow-up.

"In addition, Golden Horse has been busy putting the right processes and systems in place to drive drilling success. A new core logging facility in Southern Cross will lift efficiency, with on-site core cutting to follow. These upgrades will streamline operations, speed up sample turnaround and keep results flowing, ensuring disciplined and effective execution of our extensive drilling campaigns.

"With two diamond rigs about to hit their stride and assays confirming mineralisation across multiple zones, we are well placed to harness the full potential of Hopes Hill and increase our focus and understanding of the multiple opportunities across the regional belt."



### Hopes Hill RC and DD Drilling Update

RC drilling has focused predominately on RC pre-collars for diamond tails to target the down plunge mineralisation trends and to collect valuable structural data. A total of 26 RC pre-collars have been drilled across the 1.3km strike length of Hopes Hill (see Figure 1), enabling the mobilisation of a second diamond rig which is expected to commence in the coming weeks.

Mineralisation is not expected in the pre-collars as they sit predominately in the mostly unmineralized hanging wall Ultramafic (Uac) unit.

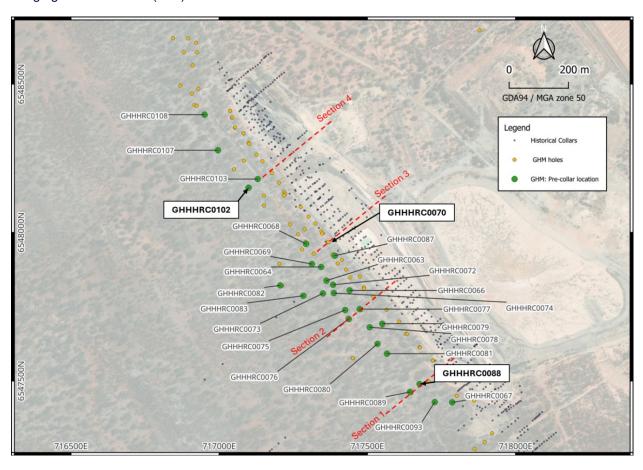
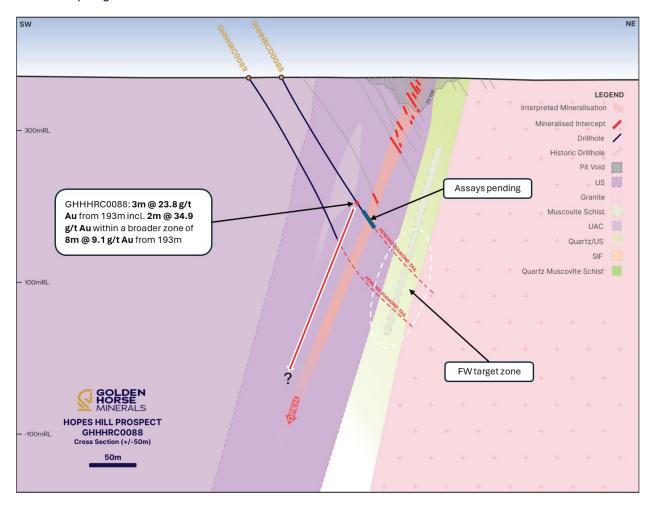


Figure 1: Plan view map of pre-collar holes drilled with completed GHM drill holes and historical collar locations at Hopes Hill.



#### **RC Drilling**

Hole GHHHRC0088 which was part of the RC pre-collar program in the Southern Zone intersected a high-grade zone of **3m @ 23.8 g/t Au from 193m including 2m @ 34.9 g/t Au** (see Cross section 1 and Figure 1). Deeper DD drilling is now planned to extend this hole and test the deeper mineralisation along strike and down plunge.



Cross section 1: Section looking towards the NW outlining high-grade mineralisation intersection in the pre-collar hole GHHHRC0088.

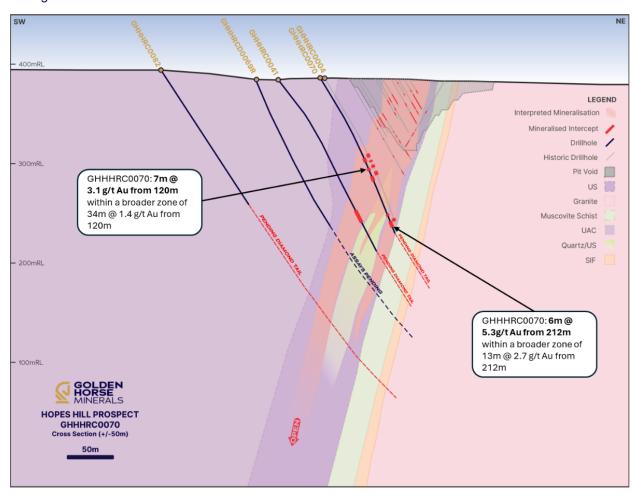
Deeper RC results in the Central, Southern and Northern zones continue to support consistent high-grade mineralisation at depth including holes:

- GHHHRC0070: 7m @ 3.1 g/t Au from 120m
  - o within a broader zone of 34m @ 1.4 g/t Au from 120m,
- GHHHRC0070: 6m @ 5.3g/t Au from 212m
  - $\circ\quad$  within a broader zone of 13m @ 2.7 g/t Au from 212m, and;
- GHHHRC0102: 5m @ 3.5 g/t Au from 265m
  - o within a broad zone of 15m @ 1.5 g/t Au from 265m.



Hole **GHHHRC0070** was drilled to further test possible mineralisation in the footwall muscovite schist<sup>1</sup> (see Cross section 3 and Figure 1).

Historically, this targeted zone has been poorly tested, however with newly drilled diamond core, this high sulphide zone - consisting of pyrrhotite - lends itself towards further down hole electromagnetic (**DHEM**) testing.



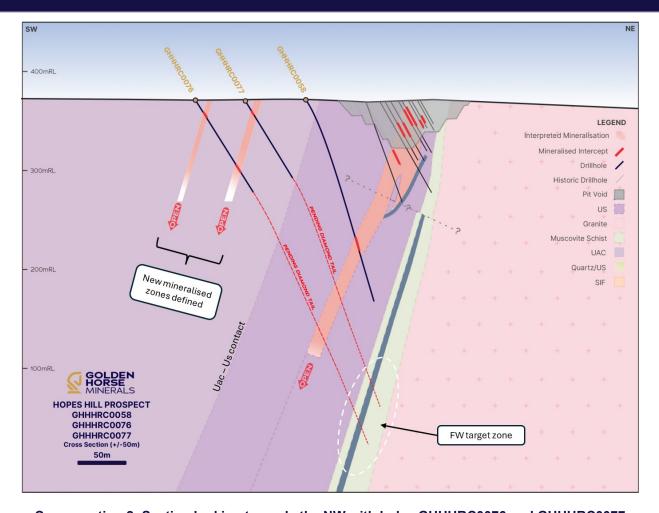
Cross section 3: Section looking towards the NW denoting GHHHRC0070 and planned diamond tails.

A number of RC pre collars located in the central zone, approx. 200 metres west of the Hopes Hill pit, and drilled beneath small, shallow historical workings, returned anomalous mineralisation. Composite assays in hole GHHHRC0076 include 8m @ 1.0 g/t Au from 12m and 8m @ 1.6 g/t Au from 80m (see Cross section 2).

The 1m splits are being sent for further assaying, whilst modelling of these potentially "new" lodes continues. The Company interprets this anomalous mineralisation to reflect potential repetition of the Hopes Hill mineralised structure and further drilling within this historically poorly tested hanging wall zone is required.

<sup>&</sup>lt;sup>1</sup> Refer to ASX announcements dated 10 June 2025 and 14 February 2025.





Cross section 2: Section looking towards the NW with holes GHHHRC0076 and GHHHRC0077 intersecting mineralisation within the hanging wall ultramafic (Uac). Diamond tails planned to target deep mineralisation zones which have historically not been tested.

With the ongoing geological logging of diamond core, coupled with structural mapping and the completed DHEM survey, defined zones of interest are starting to emerge along the +4km footwall Ultramafic-Serpentinite contact.

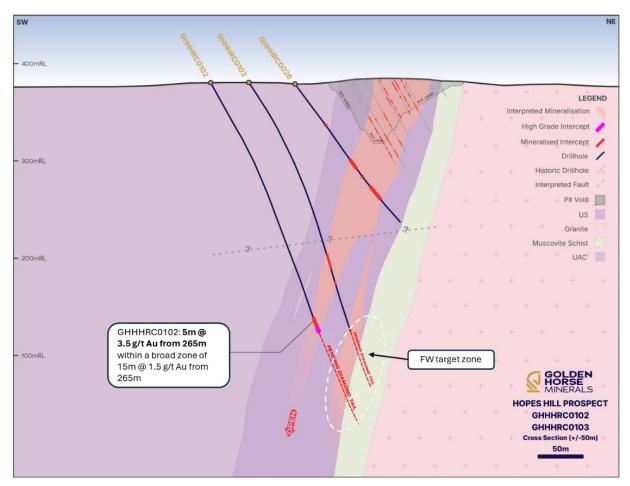
A selection of holes (five in total) have been designated for multi-element testing, aimed at "finger printing" the lithological units and linking geology back towards the first few holes drilled at Hopes Hill (GHHHRCD0053 & GHHHRCD0054). Assays are still pending, with results expected in the coming weeks.

Complementing the multi-element assaying program, a selection of holes in the Northern zone have also been drilled to further aid structural and stratigraphical domaining (see Figure 1). The results of this work will enable further drill targeting North of Hopes Hill; which has historically been drilled to a nominal average depth of 50m. North of Hopes Hill, only ten (10) holes over a strike length of approximately 1.4km have been drilled deeper than 50m. Deeper drill targeting in this area is warranted as part of the current Hopes Hill resource development program.

Also in the Northern Zone, Hole **GHHHRC0102**: intersected **5m** @ **3.5 g/t Au from 265m** down hole which is approximately 240m vertically below surface (see Cross section 4). The hole was part of the RC precollar program targeting the Hanging Wall mineralisation with a diamond tail to be drilled later to target the footwall mineralisation associated with pyrrhotite and the muscovite schist contact.



The results to-date demonstrate the system is open at depth in the Northern zone, with further step back, down plunge drill targeting required over the coming months.



Cross section 4: Section looking towards the NW with holes GHHHRC0102 and GHHHRC0103 intersecting mineralisation prior to diamond tails target zone.

#### **Diamond Drilling**

Several DD holes are currently queued for core cutting and laboratory assaying, with assay results anticipated in the coming weeks.

To support the expanding DD program, a dedicated core logging facility has been secured in Southern Cross. This facility will significantly improve efficiency in core handling and logging while providing a central operating base for exploration personnel. In addition, the establishment of on-site core cutting facilities is planned which will further streamline processes and accelerate sample turnaround times, ensuring timely delivery of results from the ongoing DD program.

#### **Geophysical survey**

Newexco was commissioned to conduct a comprehensive historical overview of geophysical data across the + 130km of Golden Horse tenure holding<sup>2</sup>. This comprehensive geophysical survey has now been completed with key findings including:

<sup>&</sup>lt;sup>2</sup> Refer to ASX announcements dated 23 July 2025 and 28 August 2025.



- Several prospective targets highlighted across the Northern, Central and Southern zones.
- Notable bedrock conductors associated with gold mineralisation identified North and South of Hopes Hill, Aries, and Golden Pig North.
- Historical electromagnetic (EM) and Induced Polarization (IP) anomalies at Bullfinch North, Trough Well and Colreavy warrant further investigation.
- Drilling advised at Colreavy Hopes Hill North and South, Golden Pig North with DHEM on all future drill holes.

Drill testing of the proposed Hopes Hill North & South targets, coupled with further investigation of historical anomalies at Bullfinch North and Colreavy have been identified as key regional activities requiring action.

#### For and on behalf of the Board.

Nicholas Anderson

**Managing Director & CEO** 

This announcement was approved for release by the Board of Golden Horse Minerals Limited.

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#### **About Golden Horse Minerals**

Golden Horse Minerals Limited (ASX: GHM) is a gold exploration company in Western Australia's Southern Cross region. The Company has consolidated in excess of 1,900km² of tenure within the Southern Cross Greenstone Belt, a prolific gold producing region of Western Australia supported by the mining town of Southern Cross. The Company is exploring for extensions at a series of historic gold mines in addition to developing new high-priority prospects which are yet to be tested with the drill bit.

For further information, please visit the Golden Horse Minerals website: https://goldenhorseminerals.com/.



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All dollar values are in Australian dollars (A\$ or AUD) unless otherwise stated.

#### Forward looking information

This announcement contains forward-looking statements. Wherever possible, words such as "intends", "expects", "scheduled", "estimates", "anticipates", "believes", and similar expressions or statements that certain actions, events or results "may", "could", "would", "might" or "will" be taken, occur or be achieved, have been used to identify these forward-looking statements. Although the forward-looking statements contained in this ASX announcement reflect management's current beliefs based upon information currently available to management and based upon what management believes to be reasonable assumptions, the Company cannot be certain that actual results will be consistent with these forward-looking statements.

A number of factors could cause events and achievements to differ materially from the results expressed or implied in the forward-looking statements. These factors should be considered carefully and prospective investors should not place undue reliance on the forward-looking statements.

Forward-looking statements necessarily involve significant known and unknown risks, assumptions and uncertainties that may cause the Company's actual results, events, prospects and opportunities to differ materially from those expressed or implied by such forward-looking statements. Although the Company has attempted to identify important risks and factors that could cause actual actions, events or results to differ materially from those described in forward-looking statements (refer in particular to the "Risks and Uncertainties" section of the MD&A lodged with ASX on 28 March 2025 and the "Risk Factors" section of the Company's prospectus dated 5 November 2024), there may be other factors and risks that cause actions, events or results not to be anticipated, estimated or intended, including those risk factors discussed in the Company's public filings. There can be no assurance that the forward-looking statements will prove to be accurate, as actual results and future events could differ materially from those anticipated in such statements. Accordingly, prospective investors should not place undue reliance on forward looking statements. Any forward-looking statements are made as of the date of this announcement, and the Company assumes no obligation to update or revise them to reflect new events or circumstances, unless otherwise required by law.

This announcement may contain certain forward-looking statements and projections regarding timing of receipt of exploration results, planned capital requirements and planned strategies and corporate objectives. Such forward-looking statements/projections are estimates for discussion purposes only and should not be relied upon. They are not guarantees of future performance and involve known and unknown risks, uncertainties and other factors, many of which are beyond the control of the Company. The forward-looking statements/projections are inherently uncertain and may therefore differ materially from results ultimately achieved. The Company does not make any representations and provides no warranties concerning the accuracy of the projections and disclaims any obligation to update or revise any forward-looking statements/projections based on new information, future events or otherwise except to the extent required by applicable laws.

#### **Competent Person's Statement**

The information in this announcement relating to the exploration results is based on, and fairly represents, information and supporting documentation prepared by Mr Travis Vernon, a member of the Australian Institute of Mining and Metallurgy (AusIMM) and a Qualified Person as defined by National Instrument 43-101. Mr. Vernon is the Geology manager for Golden Horse Minerals and also holds securities in Golden Horse Minerals. Mr Vernon has sufficient experience that is relevant to the styles of mineralisation and type of deposits under consideration and to the activities which he is undertaking to qualify as a Competent Person as defined in the 2012 Edition of the Joint Ore Reserves



Committee Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (**JORC Code**). Mr Vernon consents to the inclusion of the matters based on his information in the form and context in which they appear in this announcement.

#### **Qualified Person's Statement**

Mr Travis Vernon, a member of the Australian Institute of Mining and Metallurgy (AusIMM) and a Qualified Person as defined by National Instrument 43-101, is responsible for the preparation of the technical content regarding the Southern Cross Project contained in this announcement. Mr. Vernon is the Geology Manager for Golden Horse Minerals and also holds securities in Golden Horse Minerals. Mr Vernon has reviewed and approved the technical disclosure in this announcement.

Table1: Hopes Hill drill hole summary details

Downhole surveys are conducted on all holes drilled for both DD and RC drill holes. The use of a north seeking gyro downhole tool to collect spatial data at a regular interval of 3m is deployed. Geodetic datum referenced in table 1 below is MGA\_GDA94-50, whereby azimuth is denoted as magnetic true north.

| Hole_ID     | Max Depth | East   | North   | RL  | Dip   | Azimuth |
|-------------|-----------|--------|---------|-----|-------|---------|
| GHHHRC0001  | 204       | 717345 | 6548004 | 365 | -55.7 | 50.3    |
| GHHHRC0002  | 200       | 717428 | 6547875 | 370 | -55.2 | 47.0    |
| GHHHRC0003  | 234       | 717392 | 6547924 | 370 | -59.9 | 47.9    |
| GHHHRC0004  | 216       | 717368 | 6547968 | 366 | -60.0 | 49.8    |
| GHHHRC0005  | 234       | 717488 | 6547815 | 371 | -66.8 | 36.0    |
| GHHHRC0006  | 180       | 717832 | 6547452 | 370 | -60.5 | 48.9    |
| GHHHRC0007  | 186       | 717802 | 6547450 | 369 | -62.8 | 51.1    |
| GHHHRC0008  | 210       | 717202 | 6548168 | 374 | -59.2 | 49.6    |
| GHHHRC0009  | 168       | 717099 | 6548302 | 386 | -59.9 | 48.0    |
| GHHHRC0010  | 162       | 717082 | 6548334 | 387 | -54.9 | 49.2    |
| GHHHRC0011  | 162       | 717053 | 6548353 | 386 | -55.0 | 49.0    |
| GHHHRC0012R | 162       | 717037 | 6548410 | 388 | -55.8 | 49.5    |
| GHHHRC0013  | 162       | 717043 | 6548387 | 387 | -55.7 | 47.1    |
| GHHHRC0014  | 204       | 717519 | 6547785 | 370 | -55.2 | 47.4    |
| GHHHRC0015  | 222       | 717565 | 6547740 | 366 | -55.5 | 49.3    |
| GHHHRC0016  | 210       | 717607 | 6547700 | 368 | -55.3 | 47.4    |
| GHHHRC0017  | 180       | 717146 | 6548240 | 380 | -63.5 | 52.6    |
| GHHHRC0018R | 210       | 717102 | 6548299 | 387 | -65.1 | 52.7    |
| GHHHRC0019  | 210       | 717348 | 6547997 | 366 | -59.6 | 52.1    |
| GHHHRC0020  | 186       | 717475 | 6547852 | 371 | -55.2 | 48.1    |
| GHHHRC0021  | 198       | 717707 | 6547498 | 370 | -52.6 | 45.8    |
| GHHHRC0022  | 192       | 717631 | 6547659 | 366 | -54.1 | 48.9    |
| GHHHRC0023  | 198       | 717676 | 6547614 | 366 | -55.8 | 47.7    |
| GHHHRC0024  | 240       | 717721 | 6547569 | 367 | -64.7 | 48.5    |
| GHHHRC0025  | 198       | 717414 | 6547908 | 369 | -59.6 | 48.9    |
| GHHHRC0026  | 180       | 717178 | 6548201 | 376 | -55.0 | 49.0    |
| GHHHRC0027  | 198       | 717044 | 6548388 | 385 | -71.3 | 46.5    |
| GHHHRC0028  | 168       | 717037 | 6548410 | 388 | -65.0 | 48.8    |
| GHHHRC0029  | 252       | 717054 | 6548354 | 385 | -75.2 | 45.0    |
| GHHHRC0030  | 192       | 717325 | 6548030 | 367 | -59.9 | 49.4    |
| GHHHRC0031  | 192       | 717275 | 6548086 | 370 | -59.2 | 49.2    |
| GHHHRC0032  | 177       | 717302 | 6548054 | 369 | -58.9 | 51.7    |
| GHHHRC0033  | 180       | 717565 | 6547740 | 366 | -70.5 | 47.3    |
| GHHHRC0034  | 246       | 717607 | 6547700 | 368 | -70.2 | 46.1    |
| GHHHRC0035  | 162       | 717860 | 6547433 | 367 | -54.6 | 57.4    |
| GHHHRC0036  | 186       | 717782 | 6547506 | 370 | -70.6 | 49.2    |
| GHHHRC0037  | 180       | 717633 | 6547658 | 362 | -70.1 | 51.9    |
| GHHHRC0038  | 192       | 717677 | 6547613 | 366 | -69.9 | 49.2    |
| GHHHRC0039  | 240       | 717288 | 6548011 | 366 | -53.9 | 50.7    |
| GHHHRC0040  | 258       | 717291 | 6547969 | 367 | -53.9 | 49.7    |
| GHHHRC0041  | 262       | 717319 | 6547929 | 368 | -55.2 | 52.5    |
| GHHHRC0042  | 342       | 717279 | 6547943 | 369 | -60.3 | 50.1    |
| GHHHRC0043  | 294       | 717266 | 6547994 | 367 | -60.5 | 47.5    |
| GHHHRC0044  | 294       | 717239 | 6548028 | 368 | -58.1 | 48.2    |
| GHHHRC0045  | 175       | 716910 | 6548563 | 390 | -56.3 | 53.4    |
| GHHHRC0046  | 109       | 716926 | 6548607 | 385 | -57.4 | 53.0    |



| Hole ID                  | Max Depth  | East             | North              | RL         | Dip            | Azimuth      |
|--------------------------|------------|------------------|--------------------|------------|----------------|--------------|
| GHHHRC0047               | 145        | 716881           | 6548607            | 388        | -52.4          | 56.3         |
| GHHHRC0048               | 113        | 716922           | 6548639            | 389        | -56.9          | 54.3         |
| GHHHRC0049               | 114        | 716896           | 6548654            | 384        | <b>-</b> 54.8  | 53.3         |
| GHHHRC0050               | 156        | 716844           | 6548655            | 386        | -57.9          | 55.2         |
| GHHHRC0051               | 228        | 716869           | 6548495            | 387        | -60.2          | 54.6         |
| GHHHRC0052               | 270        | 716917           | 6548429            | 390        | -70.4          | 33.4         |
| GHHHRC0053               | 151        | 717203           | 6547895            | 375        | -65.6          | 53.5         |
| GHHHRCD0053              | 570.6      | 717203           | 6547895            | 375        | -65.6          | 53.5         |
| GHHHRC0054               | 151        | 717451           | 6547577            | 370        | -59.6          | 56.3         |
| GHHHRCD0054              | 564.3      | 717451           | 6547577            | 370        | -59.6          | 56.3         |
| GHHHRC0055R              | 252        | 717400           | 6547896            | 371        | -66.3          | 57.0         |
| GHHHRC0056               | 234        | 717443           | 6547849            | 372        | 61.6           | 57.1         |
| GHHHRC0057               | 199        | 717489           | 6547811            | 369        | -58.9          | 51.6         |
| GHHHRC0058               | 224        | 717519           | 6547785            | 369        | -64.8          | 48.5         |
| GHHHRC0059               | 190        | 717082           | 6548334            | 374        | -70.0          | 49.0         |
| GHHHRC0060               | 240        | 717219           | 6548136            | 375        | -55.1          | 47.2         |
| GHHHRC0061               | 276        | 717126           | 6548262            | 384        | -55.0          | 50           |
| GHHHRC0062               | 108        | 717222           | 6548130            | 374        | -65.3          | 50.8         |
| GHHHRC0062R              | 277        | 717219           | 6548125            | 374        | -65.0          | 49.0         |
| GHHHRC0063               | 120        | 717362           | 6547838            | 370        | -60.5          | 49.1         |
| GHHHRCD0063              | 343.7      | 717362           | 6547838            | 370        | -60.5          | 49.1         |
| GHHHRC0064               | 61         | 717344           | 6547884            | 370        | -60.3          | 48.5         |
| GHHHRC0065               | 180        | 717879           | 6548681            | 390        | -59.7          | 49.4         |
| GHHHRC0066               | 60         | 717440           | 6547805            | 372        | -59.8          | 50.5         |
| GHHHRC0067               | 36         | 717786           | 6547428            | 369        | -60.1          | 50.9         |
| GHHHRCD0067              | 317.7      | 717786           | 6547428            | 369        | -60.1          | 50.9         |
| GHHHRC0068               | 60         | 717293           | 6547962            | 367        | -60.7          | 48.2         |
| GHHHRC0069               | 223        | 717313           | 6547894            | 370        | -61.1          | 48.2         |
| GHHHRCD0069R             | 401        | 717721           | 6547569            | 367        | -69            | 47.8         |
| GHHHRC0070               | 211        | 717368           | 6547968            | 366        | -64.9          | 46.5         |
| GHHHRC0071               | 157        | 716924           | 6548427            | 401        | -54.6          | 48.0         |
| GHHHRC0072               | 96         | 717383           | 6547824            | 381        | -60.5          | 45.7         |
| GHHHRC0073               | 78         | 717351           | 6547796            | 380        | -59.4          | 48.8         |
| GHHHRC0074               | 96         | 717387           | 6547793            | 375        | -59.8          | 49.9         |
| GHHHRC0075               | 96         | 717423           | 6547737            | 375        | -59.9          | 49.2         |
| GHHHRC0076               | 108        | 717439           | 6547710            | 372        | -59.3          | 49.7         |
| GHHHRC0077               | 90         | 717480           | 6547739            | 373        | -58.6          | 51.6         |
| GHHHRC0078               | 108        | 717509           | 6547679            | 374        | -59.4          | 49.6         |
| GHHHRC0079               | 96<br>108  | 717551<br>717527 | 6547687            | 371<br>376 | -64.4<br>-60.2 | 50.2<br>51.6 |
| GHHHRC0080               |            |                  | 6547633            |            |                |              |
| GHHHRC0081<br>GHHHRC0082 | 120        | 717567           | 6547576            | 309        | <b>-</b> 59.0  | 49.0         |
| GHHHRC0082<br>GHHHRC0083 | 162        | 717212           | 6547820<br>6547786 | 447<br>373 | -59.0<br>-60.0 | 48.0<br>48.7 |
| GHHHRC0084               | 120<br>241 | 717287<br>716930 | 6547786<br>6548484 | 373<br>396 | -60.0<br>-60.4 | 49.6         |
| GHHHRC0085               | 325        | 716930           | 6548468            | 407        | -59.3          | 50.9         |
| GHHHRC0086               | 259        | 716910           | 6848520            | 374        | -55.8          | 49.1         |
| GHHHRC0087               | 225        | 717382           | 6547925            | 361        | -65.0          | 48.3         |
| GHHHRC0101               | 273        | 717151           | 6548091            | 382        | -59.6          | 49.3         |
| GHHHRC0102               | 284        | 717099           | 6548151            | 384        | -60.2          | 49.3         |
| GHHHRC0103               | 276        | 717130           | 6548180            | 384        | -59.5          | 49.9         |
| GHHHRC0104               | 260        | 717151           | 6548125            | 386        | -56.5          | 59.9         |
| GHHHRC0088               | 228        | 717679           | 6547492            | 379        | -60.8          | 49.8         |
| GHHHRC0101               | 273        | 717151           | 6548091            | 382        | -59.6          | 49.3         |
| GHHHRC0105               | 275        | 717083           | 6548242            | 389        | -54.9          | 50.3         |
| GHHHRC0089               | 240        | 717649           | 6547459            | 367        | -59.8          | 50.0         |
| GHHHRC0106               | 291        | 717050           | 6548213            | 388        | -60.5          | 49.4         |
| GHHHRC0107               | 298        | 716997           | 6548276            | 384        | -55.1          | 51.8         |
| GHHHRC0090               | 222        | 717921           | 6547324            | 363        | -55.1          | 50.6         |
| GHHHRC0091               | 294.00     | 717896           | 6547294            | 365        | -55.2          | 50.6         |
|                          |            |                  |                    | 007        |                |              |
| GHDD0001                 | 314.74     | 717721           | 6547569            | 367        | -70.4          | 48.8         |



## Table 2: Significant Gold Assay Intersections from Hopes Hill Drilling

Criteria: 0.5g/t cut-off, minimum 2m interval, maximum internal waste 2m. See Competent Person Statement above for list of previous ASX announcements where results were first reported.

| Hole_ID    | Depth<br>From | Depth<br>To | Intercept         |
|------------|---------------|-------------|-------------------|
| GHHHRC0001 | 89            | 95          | 6.00m @ 4.29 g/t  |
| GHHHRC0001 | 100           | 102         | 2.00m @ 0.54 g/t  |
| GHHHRC0001 | 105           | 111         | 6.00m @ 4.77 g/t  |
| GHHHRC0001 | 117           | 121         | 4.00m @ 1.19 g/t  |
| GHHHRC0001 | 129           | 133         | 4.00m @ 2.67 g/t  |
| GHHHRC0001 | 144           | 152         | 8.00m @ 9.16 g/t  |
| GHHHRC0002 | 134           | 142         | 8.00m @ 1.24 g/t  |
| GHHHRC0002 | 147           | 149         | 2.00m @ 2.45 g/t  |
| GHHHRC0002 | 180           | 184         | 4.00m @ 1.01 g/t  |
| GHHHRC0003 | 55            | 58          | 3.00m @ 0.44 g/t  |
| GHHHRC0003 | 119           | 128         | 9.00m @ 2.35 g/t  |
| GHHHRC0003 | 131           | 142         | 11.00m @ 0.52 g/t |
| GHHHRC0003 | 158           | 162         | 4.00m @ 0.69 g/t  |
| GHHHRC0003 | 187           | 189         | 2.00m @ 1.09 g/t  |
| GHHHRC0004 | 113           | 117         | 4.00m @ 2.91 g/t  |
| GHHHRC0004 | 122           | 131         | 9.00m @ 1.55 g/t  |
| GHHHRC0004 | 136           | 142         | 6.00m @ 1.65 g/t  |
| GHHHRC0004 | 163           | 166         | 3.00m @ 0.76 g/t  |
| GHHHRC0004 | 173           | 175         | 2.00m @ 0.98 g/t  |
| GHHHRC0004 | 205           | 207         | 2.00m @ 10.56 g/t |
| GHHHRC0005 | 141           | 145         | 4.00m @ 0.94 g/t  |
| GHHHRC0006 | 110           | 120         | 10.00m @ 0.80 g/t |
| GHHHRC0006 | 127           | 132         | 5.00m @ 1.18 g/t  |
| GHHHRC0007 | 144           | 155         | 11.00m @ 2.83 g/t |
| GHHHRC0007 | 158           | 168         | 10.00m @ 2.85 g/t |
| GHHHRC0008 | 78            | 81          | 3.00m @ 0.82 g/t  |
| GHHHRC0008 | 137           | 153         | 16.00m @ 1.56 g/t |
| GHHHRC0008 | 157           | 161         | 4.00m @ 0.65 g/t  |
| GHHHRC0008 | 178           | 182         | 4.00m @ 0.42 g/t  |
| GHHHRC0008 | 201           | 205         | 4.00m @ 2.22 g/t  |
| GHHHRC0009 | 77            | 79          | 2.00m @ 0.80 g/t  |
| GHHHRC0009 | 118           | 122         | 4.00m @ 0.49 g/t  |

|             | Depth | Depth |                   |
|-------------|-------|-------|-------------------|
| Hole_ID     | From  | То    | Intercept         |
| GHHHRC0009  | 125   | 128   | 3.00m @ 0.99 g/t  |
| GHHHRC0009  | 132   | 136   | 4.00m @ 0.99 g/t  |
| GHHHRC0009  | 143   | 145   | 2.00m @ 0.80 g/t  |
| GHHHRC0009  | 151   | 159   | 8.00m @ 1.77 g/t  |
| GHHHRC0009  | 162   | 165   | 3.00m @ 0.79 g/t  |
| GHHHRC0010  | 100   | 105   | 5.00m @ 0.40 g/t  |
| GHHHRC0010  | 120   | 126   | 6.00m @ 2.23 g/t  |
| GHHHRC0011  | 112   | 114   | 2.00m @ 3.30 g/t  |
| GHHHRC0011  | 118   | 120   | 2.00m @ 3.04 g/t  |
| GHHHRC0011  | 128   | 130   | 2.00m @ 1.24 g/t  |
| GHHHRC0011  | 134   | 143   | 9.00m @ 3.34 g/t  |
| GHHHRC0012  | 92    | 102   | 10.00m @ 0.86 g/t |
| GHHHRC0012R | 90    | 96    | 6.00m @ 0.74 g/t  |
| GHHHRC0013  | 53    | 57    | 4.00m @ 1.05 g/t  |
| GHHHRC0013  | 90    | 94    | 4.00m @ 1.44 g/t  |
| GHHHRC0013  | 102   | 114   | 12.00m @ 0.71 g/t |
| GHHHRC0014  | 125   | 132   | 7.00m @ 1.55 g/t  |
| GHHHRC0014  | 169   | 174   | 5.00m @ 0.99 g/t  |
| GHHHRC0014  | 183   | 188   | 5.00m @ 0.74 g/t  |
| GHHHRC0014  | 198   | 201   | 3.00m @ 2.19 g/t  |
| GHHHRC0015  | 119   | 132   | 13.00m @ 2.47 g/t |
| GHHHRC0015  | 184   | 186   | 2.00m @ 1.04 g/t  |
| GHHHRC0015  | 213   | 215   | 2.00m @ 1.91 g/t  |
| GHHHRC0016  | 65    | 67    | 2.00m @ 2.17 g/t  |
| GHHHRC0016  | 120   | 131   | 11.00m @ 3.44 g/t |
| GHHHRC0016  | 134   | 138   | 4.00m @ 1.03 g/t  |
| GHHHRC0016  | 202   | 206   | 4.00m @ 0.54 g/t  |
| GHHHRC0017  | 101   | 112   | 11.00m @ 0.59 g/t |
| GHHHRC0017  | 115   | 117   | 2.00m @ 21.43 g/t |
| GHHHRC0017  | 144   | 146   | 2.00m @ 0.76 g/t  |
| GHHHRC0017  | 154   | 156   | 2.00m @ 3.38 g/t  |
| GHHHRC0017  | 159   | 162   | 3.00m @ 2.46 g/t  |



Table 2: Significant Gold Assay Intersections from Hopes Hill Drilling (Continued).

| I able 2    | z. olgilli    | icani ot    | nu Assay interset |
|-------------|---------------|-------------|-------------------|
| Hole_ID     | Depth<br>From | Depth<br>To | Intercept         |
| GHHHRC0018R | 153           | 156         | 3.00m @ 1.64 g/t  |
| GHHHRC0018R | 199           | 205         | 6.00m @ 2.19 g/t  |
| GHHHRC0019  | 103           | 146         | 43.00m @ 4.45 g/t |
| GHHHRC0019  | 159           | 161         | 2.00m @ 2.20 g/t  |
| GHHHRC0019  | 170           | 173         | 3.00m @ 1.54 g/t  |
| GHHHRC0019  | 184           | 187         | 3.00m @ 0.98 g/t  |
| GHHHRC0019  | 190           | 195         | 5.00m @ 1.22 g/t  |
| GHHHRC0020  | 102           | 108         | 6.00m @ 3.44 g/t  |
| GHHHRC0020  | 113           | 126         | 13.00m @ 0.97 g/t |
| GHHHRC0020  | 162           | 167         | 5.00m @ 0.76 g/t  |
| GHHHRC0020  | 173           | 180         | 7.00m @ 2.31 g/t  |
| GHHHRC0021  | 179           | 181         | 2.00m @ 0.98 g/t  |
| GHHHRC0021  | 185           | 188         | 3.00m @ 0.48 g/t  |
| GHHHRC0022  | 102           | 105         | 3.00m @ 1.66 g/t  |
| GHHHRC0022  | 109           | 115         | 6.00m @ 0.54 g/t  |
| GHHHRC0023  | 113           | 117         | 4.00m @ 3.25 g/t  |
| GHHHRC0023  | 120           | 123         | 3.00m @ 1.36 g/t  |
| GHHHRC0023  | 127           | 136         | 9.00m @ 1.19 g/t  |
| GHHHRC0023  | 147           | 150         | 3.00m @ 0.96 g/t  |
| GHHHRC0023  | 184           | 186         | 2.00m @ 2.77 g/t  |
| GHHHRC0024  | 225           | 234         | 9.00m @ 1.00 g/t  |
| GHHHRC0025  | 121           | 123         | 2.00m @ 1.81 g/t  |
| GHHHRC0025  | 132           | 147         | 15.00m @ 0.57 g/t |
| GHHHRC0025  | 163           | 170         | 7.00m @ 0.53 g/t  |
| GHHHRC0026  | 98            | 108         | 10.00m @ 0.91 g/t |
| GHHHRC0026  | 135           | 137         | 2.00m @ 0.63 g/t  |
| GHHHRC0026  | 140           | 149         | 9.00m @ 1.82 g/t  |
| GHHHRC0027  | 64            | 68          | 4.00m @ 0.86 g/t  |
| GHHHRC0027  | 111           | 114         | 3.00m @ 2.60 g/t  |
| GHHHRC0027  | 135           | 141         | 6.00m @ 3.75 g/t  |
| GHHHRC0027  | 159           | 162         | 3.00m @ 0.52 g/t  |

| ons from nopes |               |             | Jillilueu).       |
|----------------|---------------|-------------|-------------------|
| Hole_ID        | Depth<br>From | Depth<br>To | Intercept         |
| GHHHRC0028     | 104           | 109         | 5.00m @ 1.36 g/t  |
| GHHHRC0028     | 132           | 138         | 6.00m @ 0.84 g/t  |
| GHHHRC0028     | 141           | 145         | 4.00m @ 6.43 g/t  |
| GHHHRC0029     | 187           | 191         | 4.00m @ 0.55 g/t  |
| GHHHRC0029     | 207           | 209         | 2.00m @ 0.90 g/t  |
| GHHHRC0029     | 234           | 244         | 10.00m @ 0.69 g/t |
| GHHHRC0030     | 44            | 48          | 4.00m @ 2.38 g/t  |
| GHHHRC0030     | 95            | 105         | 10.00m @ 0.86 g/t |
| GHHHRC0030     | 112           | 116         | 4.00m @ 1.24 g/t  |
| GHHHRC0030     | 120           | 122         | 2.00m @ 2.34 g/t  |
| GHHHRC0030     | 139           | 145         | 6.00m @ 0.71 g/t  |
| GHHHRC0030     | 171           | 173         | 2.00m @ 7.98 g/t  |
| GHHHRC0031     | 95            | 110         | 15.00m @ 3.72 g/t |
| GHHHRC0031     | 116           | 119         | 3.00m @ 3.46 g/t  |
| GHHHRC0031     | 145           | 147         | 2.00m @ 0.91 g/t  |
| GHHHRC0031     | 158           | 160         | 2.00m @ 1.64 g/t  |
| GHHHRC0031     | 165           | 170         | 5.00m @ 1.12 g/t  |
| GHHHRC0032     | 32            | 36          | 4.00m @ 0.80 g/t  |
| GHHHRC0032     | 94            | 104         | 10.00m @ 2.70 g/t |
| GHHHRC0032     | 107           | 109         | 2.00m @ 0.54 g/t  |
| GHHHRC0032     | 130           | 134         | 4.00m @ 0.96 g/t  |
| GHHHRC0032     | 137           | 147         | 10.00m @ 1.12 g/t |
| GHHHRC0032     | 150           | 154         | 4.00m @ 0.40 g/t  |
| GHHHRC0032     | 158           | 165         | 7.00m @ 0.73 g/t  |
| GHHHRC0032     | 171           | 175         | 4.00m @ 1.91 g/t  |
| GHHHRC0033     | 100           | 103         | 3.00m @ 2.72 g/t  |
| GHHHRC0033     | 152           | 163         | 11.00m @ 2.06 g/t |
| GHHHRC0034     | 82            | 84          | 2.00m @ 1.73 g/t  |
| GHHHRC0034     | 150           | 155         | 5.00m @ 4.57 g/t  |
| GHHHRC0034     | 191           | 194         | 3.00m @ 0.68 g/t  |
| GHHHRC0035     | 104           | 117         | 13.00m @ 1.01 g/t |



Table 2: Significant Gold Assay Intersections from Hopes Hill Drilling (Continued).

| Hole_ID     | Depth<br>From | Depth<br>To | Intercept          |
|-------------|---------------|-------------|--------------------|
| GHHHRC0036  | 139           | 144         | 5.00m @ 2.04 g/t   |
| GHHHRC0036  | 155           | 163         | 8.00m @ 2.34 g/t   |
| GHHHRC0036  | 170           | 178         | 8.00m @ 1.35 g/t   |
| GHHHRC0037  | 56            | 64          | 8.00m @ 3.48 g/t   |
| GHHHRC0037  | 80            | 82          | 2.00m @ 0.87 g/t   |
| GHHHRC0037  | 147           | 151         | 4.00m @ 3.16 g/t   |
| GHHHRC0038  | 119           | 125         | 6.00m @ 0.82 g/t   |
| GHHHRC0038  | 151           | 156         | 5.00m @ 1.12 g/t   |
| GHHHRC0038  | 160           | 162         | 2.00m @ 1.20 g/t   |
| GHHHRC0039  | 132           | 138         | 6.00m @ 1.40 g/t   |
| GHHHRC0039  | 141           | 143         | 2.00m @ 1.27 g/t   |
| GHHHRC0039  | 150           | 157         | 7.00m @ 2.12 g/t   |
| GHHHRC0039  | 172           | 175         | 3.00m @ 0.58 g/t   |
| GHHHRC0039  | 190           | 192         | 2.00m @ 1.11 g/t   |
| GHHHRC0039  | 196           | 198         | 2.00m @ 0.64 g/t   |
| GHHHRC0040  | 150           | 160         | 10.00m @ 2.60 g/t* |
| GHHHRC0040  | 150           | 152         | 2.00m @ 1.62 g/t   |
| GHHHRC0040  | 155           | 159         | 4.00m @ 5.45 g/t   |
| GHHHRC0040  | 165           | 169         | 4.00m @ 1.24 g/t   |
| GHHHRC0040  | 174           | 186         | 12.00m @ 1.56 g/t  |
| GHHHRC0040  | 237           | 240         | 3.00m @ 0.54 g/t   |
| GHHHRC0041  | 203           | 221         | 18.00m @ 2.75 g/t* |
| GHHHRC0041  | 203           | 211         | 8.00m @ 3.60 g/t   |
| GHHHRC0041  | 214           | 221         | 7.00m @ 2.81 g/t   |
| GHHHRC0042  | 237           | 254         | 17.00m @ 2.38 g/t  |
| GHHHRC0043  | 279           | 289         | 10.00m @ 4.69 g/t* |
| GHHHRC0043  | 203           | 220         | 17.00m @ 1.45 g/t  |
| GHHHRC0043  | 230           | 237         | 7.00m @ 1.65 g/t   |
| GHHHRC0043  | 279           | 281         | 2.00m @ 0.98 g/t   |
| GHHHRC0043  | 284           | 289         | 5.00m @ 8.85 g/t   |
| GHHHRC0044  | 206           | 225         | 19.00m @ 2.05 g/t* |
| GHHHRC0044  | 206           | 220         | 14.00m @ 2.55 g/t  |
| GHHHRC0044  | 223           | 225         | 2.00m @ 1.17 g/t   |
| GHHHRC0044  | 232           | 236         | 4.00m @ 0.92 g/t   |
| GHHHRC0045  | 122           | 126         | 4.00m @ 1.08 g/t   |
| GHHHRC0051  | 150           | 154         | 4.00m @ 2.34 g/t   |
| GHHHRC0051  | 202           | 207         | 5.00m @ 0.83 g/t   |
| GHHHRC0051  | 211           | 216         | 5.00m @ 1.72 g/t   |
| GHHHRC0052  | 210           | 221         | 11.00m @ 1.39 g/t  |
| GHHHRC0052  | 240           | 243         | 3.00m @ 0.79 g/t   |
| GHHHRC0055R | 165           | 180         | 15.00m @ 3.37 g/t  |
| GHHHRC0055R | 248           | 252         | 4.00m @ 2.05 g/t   |
| GHHHRC0056  | 222           | 225         | 3.00m @ 8.37 g/t   |
| GHHHRC0057  | 123           | 129         | 6.00m @ 2.08 g/t   |
| GHHHRC0057  | 183           | 185         | 2.00m @ 1.27 g/t   |
| GHHHRC0058  | 152           | 163         | 11.00m @ 2.39 g/t  |
| GHHHRC0059  | 157           | 161         | 4.00m @ 1.64 g/t   |

<sup>\*</sup> Interval contains 3m of internal waste.



Table 2: Significant Gold Assay Intersections from Hopes Hill Drilling (Continued).

| Hole_ID     | Depth<br>From | Depth<br>To | Intercept         |
|-------------|---------------|-------------|-------------------|
| GHHHRC0059  | 177           | 186         | 9.00m @ 5.18 g/t  |
| GHHHRC0061  | 144           | 152         | 8.00m @ 1.78 g/t  |
| GHHHRCD0054 | 339.57        | 343         | 3.43m @ 11.96 g/t |
| GHHHRCD0054 | 462           | 464.45      | 2.45m @ 2.50 g/t  |
| GHHHRCD0054 | 481.9         | 484.58      | 2.68m @ 1.61m     |
| GHHHRC0062R | 102           | 103         | 1.00m @ 7.18 g/t  |
| GHHHRC0070  | 120           | 127         | 7.00m @ 3.14 g/t  |
| GHHHRC0070  | 212           | 218         | 6.00m @ 5.31 g/t  |
| GHHHRC0088  | 193           | 196         | 3.00m @ 23.82 g/t |
| GHHHRC0102  | 265           | 270         | 5.00m @ 3.48 g/t  |

Table 3: Broad Mineralisation Zone Gold Assay Intersections.

Criteria: From geologically based hanging wall to foot wall mineralised zones with no grade or internal waste restrictions.

See Competent Person Statement above for list of previous ASX announcements where results were first reported.

| Drill Hole  | From | То    | Interval | Intercept      | Gram.Metres |
|-------------|------|-------|----------|----------------|-------------|
| GHHHRC0001  | 91   | 152   | 61       | 61m @ 2.5 g/t  | 153         |
| GHHHRC0004  | 113  | 142   | 29       | 29m @ 1.3 g/t  | 38          |
| GHHHRC0007  | 144  | 168   | 24       | 24m @ 2.5 g/t  | 60          |
| GHHHRC0017  | 101  | 117   | 16       | 16m @ 3.1 g/t  | 50          |
| GHHHRC0019  | 103  | 186   | 83       | 83m @ 2.5 g/t  | 208         |
| GHHHRC0020  | 102  | 126   | 24       | 24m @ 1.4 g/t  | 31          |
| GHHHRC0020  | 162  | 180   | 18       | 18m @ 1.2 g/t  | 22          |
| GHHHRC0025  | 117  | 171   | 54       | 54m @ 0.41 g/t | 22          |
| GHHHRC0028  | 132  | 145   | 13       | 13m @ 2.4 g/t  | 34          |
| GHHHRC0031  | 95   | 170   | 75       | 75m @ 1.2 g/t  | 86          |
| GHHHRC0032  | 94   | 175   | 81       | 81m @ 0.8 g/t  | 65          |
| GHHHRC0040  | 150  | 185   | 35       | 35m @ 1.4 g/t  | 49          |
| GHHHRC0055R | 164  | 187   | 23       | 23m @ 2.3 g/t  | 53          |
| GHHHRC0070  | 120  | 154   | 34       | 34m @ 1.4 g/t  | 48          |
| GHHHRC0070  | 212  | 225   | 13       | 13m @ 2.7 g/t  | 35          |
| GHHHRC0056  | 221  | 232   | 11       | 11m @ 2.5 g/t  | 28          |
| GHHHRC0059  | 157  | 187   | 30       | 30m @ 2.2 g/t  | 66          |
| GHHHRC0058  | 152  | 163   | 11       | 11m @ 2.4 g/t  | 26          |
| GHHHRCD0054 | 339  | 343.4 | 4.4      | 4.4m @ 9.3 g/t | 41          |
| GHHHRC0088  | 193  | 201   | 8        | 8m @ 9.1 g/t   | 73          |
| GHHHRC0102  | 265  | 280   | 15       | 15m @ 1.5 g/t  | 23          |
| HHRC269     | 65   | 79    | 14       | 14m @ 2.8 g/t  | 39          |
| HHRC411     | 91   | 155   | 64       | 64m @ 0.8 g/t  | 51          |
| HHRC414     | 91   | 150   | 59       | 59m @ 2.3 g/t  | 136         |



# JORC Code, 2012 Edition:

# **Section 1: Sampling Techniques and Data**

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

| Criteria                 | JORC Code explanation  | Commentary   |
|--------------------------|--|--|
| Sampling<br>techniques   | <ul> <li>Nature and quality of sampling (e.g. 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.</li> <li>Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.</li> <li>Aspects of the determination of mineralisation that are Material to the Public Report.</li> <li>In cases where 'industry standard' work has been done this would be relatively simple (e.g. '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 (e.g. submarine nodules) may warrant disclosure of detailed information.</li> </ul> | <ul> <li>RC holes were sampled through an integrated cone splitter attached to the drill rig.</li> <li>RC chips were sampled at 1m intervals to produce a nominal 1.5-2kg sample which was collected from the cone splitter into numbered calico bags.</li> <li>Duplicate samples collected periodically.</li> <li>Remainder of sample collected in green plastic bags.</li> <li>Samples collected to industry standard RC drilling practice with routine clearing of the splitter to reduce contamination.</li> <li>DD holes were logged and sampled by a qualified geologist. Sections allocated for sampling were marked, logged, cut with half core sampling undertaken.</li> <li>Diamond Interval lengths sampled typically ranged from 0.3m to 1.2m. Certain intervals sampled included a minimum of 0.24m based on the lithological/structural contact zone.</li> </ul> |
| Drilling techniques      | Drill type (e.g. core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (e.g. 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).  | <ul> <li>RC drilling was completed using a 5.5-inch (145mm) face sampling hammer.</li> <li>DD Drilling was undertaken with a 75.7mm drill bit. RC pre-collars were executed for significant diamond tails.</li> <li>All core, where inspected by a company geologist has been orientated.</li> <li>A company representative has either checked driller orientation marks or undertaken full length orientation mark up to validate orientation markings, suitable for structural modelling.</li> </ul>   |
| Drill sample<br>recovery | <ul> <li>Method of recording and assessing core and chip sample recoveries and results assessed.</li> <li>Measures taken to maximise sample recovery and ensure representative nature of the samples.</li> <li>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.</li> </ul>   | <ul> <li>Standard drilling procedures employed to obtain representative samples.</li> <li>Laboratory measured weight of each sample.</li> <li>Wet samples were identified in the sample logging process.</li> <li>No correlation identified between sample weight and gold grade.</li> </ul>   |



| Criteria   | JORC Code explanation   | Commentary  |
|--|---|---|
|  |   | Diamond drilling will twin certain<br>RC holes over the duration of the<br>project to ascertain any potential<br>bias that may/or may not exist.  |
| Logging  | <ul> <li>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.</li> <li>Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.</li> <li>The total length and percentage of the relevant intersections logged.</li> </ul>  | Geological logs have been completed on a 1m basis for all drilling for RC.     DD drilling logs completed for all core aligning to RC logging methodology; where applicable.     Logging will aid geological interpretation in future resource estimation.  |
| Sub-sampling techniques and sample preparation   | <ul> <li>If core, whether cut or sawn and whether quarter, half or all core taken.</li> <li>If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.</li> <li>For all sample types, the nature, quality and appropriateness of the sample preparation technique.</li> <li>Quality control procedures adopted for all subsampling stages to maximise samples representivity.</li> <li>Measures taken to ensure that the sampling is representative of the in-situ material collected, including for instance results for field duplicate/secondhalf sampling.</li> <li>Whether sample sizes are appropriate to the grain size of the material being sampled.</li> </ul> | Samples passed through a rotary cone splitter to obtain a nominal 2kg sub-sample collected in prenumbered calico bags.     Samples were assayed at Bureau Veritas in Perth. Samples were dried and pulverized prior to assaying.     All Diamond core is half cut for a 50g fire assay sample.  |
| Quality of assay<br>data and laboratory<br>tests | <ul> <li>The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.</li> <li>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.</li> <li>Nature of quality control procedures adopted (e.g. standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (ie lack of bias) and precision have been established.</li> </ul>  | <ul> <li>Fire assay samples (Both RC &amp; DD) were submitted to Bureau Veritas (BV) for 50g Lead Collection Fire Assay analysis.</li> <li>QA/QC sampling was undertaken using industry standards.</li> <li>Standards and Blanks returned consistent values, Duplicates show some variability consistent with the variable nature of the veining and gold.</li> </ul>               |
| Verification of sampling and assaying            | <ul> <li>The verification of significant intersections by either independent or alternative company personnel.</li> <li>The use of twinned holes.</li> <li>Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.</li> <li>Discuss any adjustment to assay data.</li> </ul>   | Results are consistent with previous drilling in the area. RC hole twinning was completed to identify & confirm historic grades below the base of the historic Hopes Hill mine, indicating a similar location and tenor of mineralisation. Drill logs recorded on paper and transcribed in electronic format. All data stored and validated in Datashed by independent contractors. |
| Location of data points                          | <ul> <li>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.</li> <li>Specification of the grid system used.</li> </ul>   | <ul> <li>Location of holes was recorded using a handheld GPS.</li> <li>All holes, down hole surveyed using either an Axis Champ Gyro Electronic multi-shot tool with</li> </ul>   |



| Criteria  | JORC Code explanation  | Commentary   |
|---|--|--|
|   | Quality and adequacy of topographic control.   | readings at 3m intervals OR by a OMNIx42 north seeking continuous/multi-shot tool taking reading at a nominal 3m interval.  • Single shot readings were also taken to validate down hole surveys (both RC & DD).   |
| Data spacing and distribution                           | <ul> <li>Data spacing for reporting of Exploration Results.</li> <li>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.</li> </ul>  | <ul> <li>Drilling completed on a nominal<br/>50m spacing.</li> <li>Some variation in spacing results<br/>from infilling of historical drilling.</li> </ul>   |
| 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.      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. | <ul> <li>Drilling direction is considered to be an effective orientation testing mineralisation structures throughout the orebody.</li> <li>All holes oriented perpendicular to strike dipping east to effectively test the steeply west dipping mineralised structures.</li> <li>Drill holes are steepening up in the lower central zone, along with the southern zone of the drill program.</li> </ul> |
| Sample security   | The measures taken to ensure sample security.  | Samples submitted directly to Lab<br>after collection in a secure yard at<br>Southern Cross.   |
| Audits or reviews                                       | The results of any audits or reviews of sampling techniques and data.  | Sampling and assaying techniques are industry standard.     Preliminary analysis of the QAQC data completed through the data management consultants - no significant issues identified.  |



# **Section 2: Reporting of Exploration Results**

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

| Criteria                                      | JORC Code explanation  | Commentary  |
|---|--|---|
| Mineral tenement<br>and land tenure<br>status | <ul> <li>Type, reference name/number, location and ownership including agreements or material.</li> <li>issues with third parties such as joint ventures, partnerships, overriding royalties, native.</li> <li>title interests, historical sites, wilderness or national park and environmental settings.</li> <li>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.</li> </ul>   | <ul> <li>Hopes Hill is located approximately 8km north of Southern Cross.</li> <li>Drilling confined to granted tenements M77/1266, M77/1296, E77/2658 &amp; M77/551.</li> <li>Tenements in good standing with no known impediments.</li> </ul>   |
| Exploration done by other parties.            | Acknowledgment and appraisal of exploration by other parties.  | <ul> <li>No significant work completed in the past 20 years. Prior to that several companies completed drilling in and around the workings including Broken Hill Metals.</li> <li>The main historic mine at Hopes Hill is a 1.3km long 90m deep mined in the 1980/90's.</li> <li>Refer ASX announcement 'Replacement Prospectus' dated 12 December 2024 – Independent Technical Assessment Report for further information regarding historical exploration activities. As noted in the Independent Technical Assessment Report, historical production numbers rely on historical reports which may be incorrect or incomplete.</li> </ul> |
| Geology                                       | Deposit type, geological setting and style of<br>mineralisation.   | <ul> <li>The geological target is a typical structurally hosted orogenic gold mineralisation zone proximal to lithological contacts between volcanics and sediments.</li> <li>Mineralisation is associated with quartz veining and alteration (e.g. sericite, silica and biotite).</li> </ul>   |
| Drill hole<br>Information                     | <ul> <li>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:         <ul> <li>easting and northing of the drill hole collar</li> <li>elevation or RL (Reduced Level - elevation above sea level in metres) of the drill hole collar</li> <li>dip and azimuth of the hole</li> <li>down hole length and interception depth hole length.</li> </ul> </li> <li>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</li> </ul> | <ul> <li>Location of drill holes defined using handheld GPS.</li> <li>Northing and Easting data generally within +/-0.02 accuracy.</li> <li>RL data +/- 0.1m.</li> <li>Dip and azimuth measured using a digital Axis Champ gyro tool OR a OMNIx42 tool. Accuracy tolerance +/-0.75°.</li> <li>Down hole length accuracy estimated as +/- 0.2m.</li> <li>See Table 1 for drill hole details.</li> <li>See Tables 2 and 3 for list of significant intercepts.</li> </ul>  |



| Criteria   | JORC Code explanation   | Commentary  |
|--|---|---|
|  | explain why this is the case.   |   |
| Data aggregation methods   | <ul> <li>In reporting Exploration Results, weighting averaging techniques, maximum and/or</li> <li>minimum grade truncations (e.g. cutting of high grades) and cut-off grades are usually Material and should be stated.</li> <li>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. The assumptions used for any reporting of metal equivalent values should be clearly stated.</li> </ul> | <ul> <li>Significant gold intercepts quoted and calculated based on a minimum grade of 0.5g/t with no more than 2m of internal waste. No top cut applied.</li> <li>The broad mineralised intervals quoted (Table 5 of the report) have no maximum length of internal waste included in their calculation.</li> </ul>                                  |
| Relationship<br>between<br>mineralisation<br>widths and<br>intercept lengths | <ul> <li>These relationships are particularly important in the reporting of Exploration Results.</li> <li>If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.</li> <li>If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (e.g. 'down hole length, true width not known').</li> </ul>   | <ul> <li>Holes drilled perpendicular to strike with planned azimuth at 49 degrees. Mineralisation is interpreted to dip west at approximately 70 - 80 degrees.</li> <li>True width is variable along strike due to the nature of the boudinaged mineralised geometry but is likely to be ~40-80% of the down hole intercept length quoted.</li> </ul> |
| 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.  | <ul> <li>Plans section and diagrams included in the announcement.</li> <li>The data has been presented using appropriate scales and using standard aggregating techniques.</li> <li>Geological and mineralisation interpretations are based on current knowledge and will change with further exploration.</li> </ul>                                 |
| Balanced reporting   | Where comprehensive reporting of all Exploration<br>Results is not practicable, representative reporting of<br>both low and high grades and/or widths should be<br>practiced to avoid misleading reporting of Exploration<br>Results.   | This announcement adequately summarises work completed, historical work and future developments.  Balanced reporting undertaken.  |
| 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 results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.   | No other material data collected in the latest drilling campaign.     Refer ASX announcement 'Replacement Prospectus' dated 12 December 2024 for a summary of previous drilling at the project.   |
| Further work   | <ul> <li>The nature and scale of planned further work (e.g. tests for lateral extensions or depth extensions or large-scale step-out drilling).</li> <li>Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.</li> </ul>   | <ul> <li>Infill drilling is planned to further test the mineralisation down dip and along strike.</li> <li>Deep diamond drilling will continue to test the HG down plunge component of mineralisation identified throughout the project area.</li> <li>Resource estimation planned following further drilling.</li> </ul>                             |