

28 January 2022

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**Greatland Gold plc**  
**("Greatland" or "the Company")**

***Most significant result seen at Havieron outside of the South East Crescent Zone, confirms potential for high grade mineralisation within the separate Eastern Breccia***

*Growth drilling in the Eastern Breccia is now focussed on defining the extents of this higher-grade mineralisation which remains open in all directions and confirms a new corridor*

*Growth drilling below the existing Resource continues to identify high grade extensions to the Crescent Sulphide Zone at depth*

*Drill testing of new geophysical targets 2km outside of the Havieron system (Havieron North and Zipa) has commenced*

Greatland Gold plc (AIM:GGP), a mining development and exploration company with a focus on precious and base metals, is pleased to provide an exploration and development update at the Havieron gold-copper project in the Paterson region of Western Australia. The Company notes the release of an ASX announcement titled "Quarterly Exploration Report" by Newcrest Mining Ltd ("Newcrest") earlier today.

**Highlights of Drilling Campaign**

- **High grade extensions to the Eastern Breccia 200m to the SE of previous drilling confirms the potential for a separate NW trending Eastern Breccia corridor to host Crescent Zone style high grade mineralisation:**
  - Most significant result seen outside of the South East Crescent Zone to date with HAD104: 62.5m @ 5.9g/t Au & 0.30% Cu from 1,546.5m including 49.4m @ 7.1g/t Au & 0.38% Cu from 1,554.6m.
  - Interpretation of results indicate the potential for the Eastern Breccia to comprise a separate North West trending mineralised corridor, with an alteration footprint of approximately 600m in strike, with Crescent Zone like higher grade zones developed internal to this Eastern Breccia.
  - Drilling is now focused on defining the extents of this higher-grade mineralisation which remains open in all directions.
- **Growth drilling more than 250m below the current Mineral Resource estimate at the South East Crescent zone continues to return high grade results:**
  - Extension of the South East Crescent Zone at depth below the current Mineral Resource, where increasing mineralisation grade and thickness was observed from recent drilling.

- Drilling continues to assess the depth extents of the South East Crescent Zone which now has a vertical extent of over 900m.
- **Drilling to test geophysical targets outside of the known Havieron system have commenced at Havieron North, and Zipa**
  - The Havieron North target is located 2 km north of Havieron and is sited on a magnetic high anomaly. Zipa is located approximately 1 km to the west of Havieron North and is centred on a prominent gravity high anomaly.
  - The initial Havieron North drillhole did intercept alteration consistent with that seen at Havieron, however did not return a significant result. Assays are pending for the two completed Zipa drillholes.
  - Drilling continues to test these and other targets on the Havieron Mining Lease, but outside of the main Havieron deposit.
- **All drilling now focused on growth programs to continue into FY22 with eight drill rigs operational during the reporting period, targeting:**
  - The extents of the higher-grade mineralisation in the north west trending **Eastern Breccia** corridor which remains open in all directions.
  - **South East Crescent and Breccia:** potential resource definition of extensions below the existing resource shell and lateral extensions adjacent to the existing high-grade resource shell.
  - **New Targets: Drilling of targets** identified outside of the immediate vicinity of the Havieron deposit, but within the Havieron Joint Venture area has commenced.
- **Infill drilling now completed within the South East Crescent Zone Inferred Mineral Resource supports the modelled grade and thickness:**
  - The results validate both geological and grade continuity of the high grade South East Crescent Zone Mineral Resource.
  - This drilling is designed to infill the South East Crescent Inferred Mineral Resource volume to support the potential upgrade of a significant portion of the Inferred Mineral Resource to an Indicated Mineral Resource.
- **Early Works advancing:** Construction activities are progressing well with achievements including (as of 21 January 2022):
  - Box cut and portal completed in May 2021.
  - Exploration decline has advanced 277 metres (as at 21 January 2022). Newcrest advised the development of the exploration decline experienced poor ground conditions during the quarter, although ground conditions are expected to improve with depth.
  - Decline contractor operating 24-hour per day.
  - First ventilation shaft construction commenced in December 2021.
  - Works to progress the necessary approvals and permits required to commence the development of an operating underground mine and associated infrastructure at the Havieron Project are ongoing.
  - Approval for blind boring of the decline vent raise from surface is in the final stages.
- **Feasibility Study progressing:** Feasibility study work by Newcrest continuing along with concurrent studies assessing broader growth options for Havieron. Upside opportunities are being evaluated to increase the scale and life of Havieron, as well as presenting the opportunity to adopt alternative, lower cost, mining methods. The Feasibility Study is still forecasted to be delivered in the December 2022 quarter<sup>1</sup>.

<sup>1</sup> Newcrest market update to Australian Stock Exchange on 12 October 2021

**Shaun Day, Chief Executive Officer of Greatland Gold plc, commented:** *“The latest set of drilling results at Havieron continue to astound with the most significant intercept reported to date outside the South East Crescent zone observed at the Eastern Breccia.*

*“The results at the Eastern Breccia, several hundred meters away from the South East Crescent Zone where most of the drilling activity has occurred to date, confirm the potential for a new zone of high grade mineralisation. The Eastern Breccia is now interpreted as a separate north west trending corridor with an alteration footprint of approximately 600m in strike, with Crescent zone like higher grades inside the Eastern Breccia.*

*“This new corridor of new high-grade mineralisation at the Eastern Breccia is outside of the resource defined during the October 2021 Pre-Feasibility study and highlights the ongoing journey of understanding the extent of the higher-grade mineralisation which remains open in all directions.*

*“In addition, we consistently observe high grade results and intersections of significant mineralisation at the South East Crescent zone which supports the upgrade of the Inferred Mineral Resource.*

*“With drill rigs all focused on growth targets and decline construction activities operating on a 24hr schedule there is tremendous progress in the development of this world class project and excitement in understanding the size and scale of Havieron.”*

#### **Significant New Results (intercepts are reported as downhole width not true width)**

##### **South East Crescent - Infill**

- **HAD085W4**
  - 46.4m @ 11g/t Au & 0.26% Cu from 1,400.6m
  - including 3.9m @ 98g/t Au and 0.04% Cu from 1,402.1m

##### **South East Crescent - Growth**

- **HAD133W6\*\***
  - 168.1m @ 1.9g/t Au & 0.17% Cu from 1,424.6m
  - including 43.1m @ 3.7g/t Au & 0.34% Cu from 1,425.9m

##### **Eastern Breccia - Growth**

- **HAD104**
  - 62.5m @ 5.9g/t Au & 0.30% Cu from 1546.5m
  - including 49.4m @ 7.1g/t Au & 0.38% Cu from 1,554.6m

In addition to this release, a PDF version of this report with supplementary information can be found at the Company's website: <https://greatlandgold.com/investors/regulatory-news/>

**Enquiries:**

**Greatland Gold PLC**

Shaun Day

+44 (0)20 3709 4900

info@greatlandgold.com

www.greatlandgold.com

**SPARK Advisory Partners Limited (Nominated Adviser)**

Andrew Emmott/James Keeshan

+44 (0)20 3368 3550

**Berenberg (Joint Corporate Broker and Financial Adviser)**

Matthew Armit/ Varun Talwar/Alamgir Ahmed/Detlir Elezi

+44 (0)20 3207 7800

**Canaccord Genuity (Joint Corporate Broker and Financial Adviser)**

James Asensio/Patrick Dolaghan

+44 (0)20 7523 8000

**Hannam & Partners (Joint Corporate Broker and Financial Adviser)**

Andrew Chubb/Matt Hasson/Jay Ashfield

+44 (0)20 7907 8500

**SI Capital Limited (Joint Broker)**

Nick Emerson/Alan Gunn

+44 (0)14 8341 3500

**Luther Pendragon (Media and Investor Relations)**

Harry Chathli/Alexis Gore

+44 (0)20 7618 9100

## Further Information on Drilling and Operations at Havieron

The Havieron copper-gold deposit is centered on a deep magnetic anomaly located 45km east of Telfer in the Paterson Province, and where exploration drilling by Greatland during 2018 resulted in the discovery of gold and copper mineralisation under 420m of post mineralisation cover. The Joint Venture commenced drilling during the June 2019 quarter and has completed 226,492m of drilling from 272 drill holes to date (excluding holes in progress, abandoned holes, or drill holes which have not been sampled).

Drilling activities have produced a further 14,481m of drilling from 18 drill holes since 30 September 2021. The latest assay results comprise results for 33 holes (5 holes completed this quarter, and 28 holes from the September quarter). Of these, 22 holes returned significant assay intercepts in excess of 50 gram metres Au (Au ppm x length metres). This announcement includes 11 new drill holes from the Infill and Growth Drilling and 22 holes reported previously in the last update ("Havieron Exploration and Development Update", dated 9 December 2021) and reported in Newcrest's Quarterly Exploration Report and listed in Appendix II.

Drilling in the reporting period was focused on potential resource growth at the South East Crescent Zone, Northern Breccia and Eastern Breccia, and infill drilling the South East Crescent Zone to support the potential conversion of the Inferred Resource to Indicated Resource. Drilling included:

- South East Crescent Deeps – assay results reported for six drill holes, two holes awaiting assays.
- Northern Breccia & North West Pod – assay results reported for one drill hole, two holes awaiting assays.
- Eastern Breccia – assay results reported for four drill holes, one hole awaiting assays.
- First pass testing of geophysical targets outboard of the Havieron system (at Havieron North and Zipa) – assay results reported for one drill hole, two holes awaiting assays.
- South East Crescent Zone Infill – assay results reported for twenty one drill holes.

**South East Crescent Deeps** growth drilling targeting higher grade mineralisation at depth on 75m by 75m spacing has extended the mineralisation 250m below the initial Inferred Mineral Resource estimate. New results from six drill holes have been received, with results from five drill holes returning greater than 50 gram metre intercepts. Refer to Appendix 2 for all results reported.

Results include:

- **HAD086W3^^**
  - 44.7m @ 7.1g/t Au & 0.17% Cu from 1,412m
  - including 20.2m @ 15g/t Au & 0.29% Cu from 1,421m
  - 48m @ 2.2g/t Au & 0.15% Cu from 1,525m
  - including 26.9m @ 3.7g/t Au & 0.26% Cu from 1,538.1m
- **HAD086W4^^**
  - 102.3m @ 1.5g/t Au & 0.17% Cu from 1,404.3m
- **HAD133W4^^**
  - 69.8m @ 2.0g/t Au & 0.32% Cu from 1,329.2m
- **HAD133W5^^**
  - 110.4m @ 2.2g/t Au & 0.21% Cu from 1,418.6m
  - including 62.8m @ 3.0g/t Au & 0.16% Cu from 1,460.5m
- **HAD133W6\*\***
  - 168.1m @ 1.9g/t Au & 0.17% Cu from 1,424.6m
  - including 43.1m @ 3.7g/t Au & 0.34% Cu from 1425.9m

As reported in the last update (9 December 2021) HAD086W3 returned assays for the lower portion of the drill hole and reported a second high grade zone 200m below the existing resource of 48m<sup>^^</sup> @ 2.2g/t Au & 0.15% Cu from 1,525m, including 26.9m<sup>^^</sup> @ 3.7g/t Au & 0.26% Cu from 1,538.1m. A mineralised zone 100m below that in HAD086W3 was returned in HAD086W4, which confirmed extension of Crescent Zone mineralisation over 250m from the current Inferred Mineral Resource extents. These results are approximately 100m to the North-West of prior high grade hole HAD133W1 and continue to support extensions of the South East Crescent Zone at depth. Drilling continues to assess the depth extents of the South East Crescent Zone which now has a vertical extent of over 900m.

At the **Eastern Breccia**, assays for an additional four holes targeting strike extensions from previously reported drill holes HAD083 and HAD084 have been received. Interpretation of the results indicate the potential for a separate North West trending corridor, with an alteration footprint of approximately 600m in strike, with Crescent Zone like higher grade zones developed internal to this Eastern Breccia. The most significant intercept to date was returned from HAD104, reporting 62.5m @ 5.9g/t Au & 0.30% Cu from 1546.5m, including 49.4m @ 7.1g/t Au & 0.38% Cu from 1,554.6m. The intercept is related to massive sulphide and quartz infill, which is characteristic of the Crescent Sulphide Zone, and is the first intercept in the Eastern Breccia on the eastern side of the dolerite dyke. The intercept is ~200m south east of the previously reported initial Eastern Breccia drillholes HAD083 and HAD084. HAD104 has highlighted the potential for this separate NW trending Eastern Breccia corridor to host Crescent Sulphide Zone style high grade mineralisation. Drilling is now focussed on defining the extents of this higher grade mineralisation seen in HAD104 which remains open in all directions.

Results include

- **HAD104**
  - 62.5m @ 5.9g/t Au & 0.30% Cu from 1546.5m
  - including 49.4m @ 7.1g/t Au & 0.38% Cu from 1,554.6m

Drilling to test geophysical targets outside of the known Havieron system have commenced at **Havieron North and Zipa**. The Havieron North target is located 2 km north of Havieron and is sited on a magnetic high anomaly. Zipa, is located approximately 1 km to the west of Havieron North and is centred on a prominent gravity high anomaly. The initial Havieron North drillhole did not return any significant results but did intercept alteration consistent with that seen at Havieron. Assay results are awaiting for the two completed Zipa drillholes. Drilling continues to test these and other targets on the Havieron Mining Lease, but outside of the main Havieron deposit.

**South East Crescent Zone** Inferred Mineral Resource infill drilling was finalised during the period, with 3 further drill holes completed, and assays reported for all twenty one drill holes (including 17 drill holes from the prior period). This drilling is designed to infill the South East Crescent Zone Inferred Mineral Resource volume to 50m x 50m spacing to support the potential upgrade of a significant portion of the Inferred Mineral Resource to an Indicated Mineral Resource. Results received from infill drilling support the modelled grade and thickness within the South East Crescent Zone Mineral Resource extents.

Results include (including results previously reported):

- **HAD053W5<sup>^^</sup>**
  - 119.7m @ 1.2g/t Au & 0.49% Cu from 1,041.4m
- **HAD053W6<sup>^^</sup>**
  - 164.3m @ 1.8g/t Au & 0.53% Cu from 1,065m
  - including 14.3m @ 9.7g/t Au & 0.78% Cu from 1,065.7m
- **HAD061W1<sup>^^</sup>**
  - 144.7m @ 1.6g/t Au & 0.14% Cu from 856.3m
- **HAD085W4**
  - 46.4m @ 11g/t Au & 0.26% Cu from 1400.6m

- including 3.9m @ 98g/t Au and 0.04% Cu from 1,402.1m
- **HAD148W1^^**
  - 89.3m @ 1.3g/t Au & 0.05% Cu from 807.8m
- **HAD148W2^^**
  - 35.4m @ 4.4g/t Au & 0.25% Cu from 938.1m
- **HAD149W2^^**
  - 45.1m @ 6.7g/t Au & 0.06% Cu from 919.5m
- **HAD150W1^^**
  - 140m @ 2.9g/t Au & 0.07% Cu from 909m
- **HAD150W2^^**
  - 113.8m @ 3.4g/t Au & 0.10% Cu from 996.2m
  - including 14.2m @ 20g/t Au & 0.14% Cu from 1,035.8m

All drill programmes have now returned to growth targets with eight drill rigs operational during the reporting period. Growth drilling continues to show potential for resource additions outside of the existing Inferred Mineral Resource limits, including:

- Extension of the South East Crescent Zone at depth below the current Mineral Resource, where increasing grade and thickness of mineralisation has been observed from recent drilling;
- Expansion of multiple higher-grade targets including Northern Breccia and North West Pod; and
- Potential for additional North West trending structural corridors including the Eastern Breccia.
- Additionally, drilling is continuing to target geophysical targets outside of the main Havieron system.

# drilling in progress \*\* partial intercept, assays pending ^ updated intercept or ^^ previously reported.

Refer to Appendix 2 for additional information and Drillhole data table for all results reported during the period.

## **Development Update**

The development of the exploration decline continued during the period with 277 metres now complete as at 21 January 2022 with the decline contractor operating 24 hours per day. Newcrest advised the development of the exploration decline experienced poor ground conditions during the period, although ground conditions are expected to improve with depth. The first ventilation shaft construction commenced in December 2021 and approval for blind boring of the decline vent raise from surface is in the final stages. Works to progress the necessary approvals and permits that are required to commence the development of an operating underground mine and associated infrastructure at the Havieron Project are ongoing.

## **Background to Havieron and Joint Venture Agreement with Newcrest**

The Havieron copper-gold project is operated by Newcrest under a Joint Venture Agreement with Greatland. As outlined in previous announcements, following delivery of a Pre-Feasibility Study and meeting the relevant expenditure commitment, Newcrest is entitled to an additional 10% joint venture interest, and exercising this entitlement will result in an overall joint venture interest of 70% Newcrest (30% Greatland). Newcrest may also acquire an additional 5% joint venture interest at fair market value (under the principles of the Joint Venture Agreement) and, if exercised, Newcrest will be entitled to an overall joint venture interest of 75% (Greatland 25%). As detailed in the announcement of 21 December 2021, Newcrest has issued a notice to Greatland informing it that Newcrest would like to begin the process under the joint venture agreement to seek to agree or, failing agreement, determine the option exercise price.

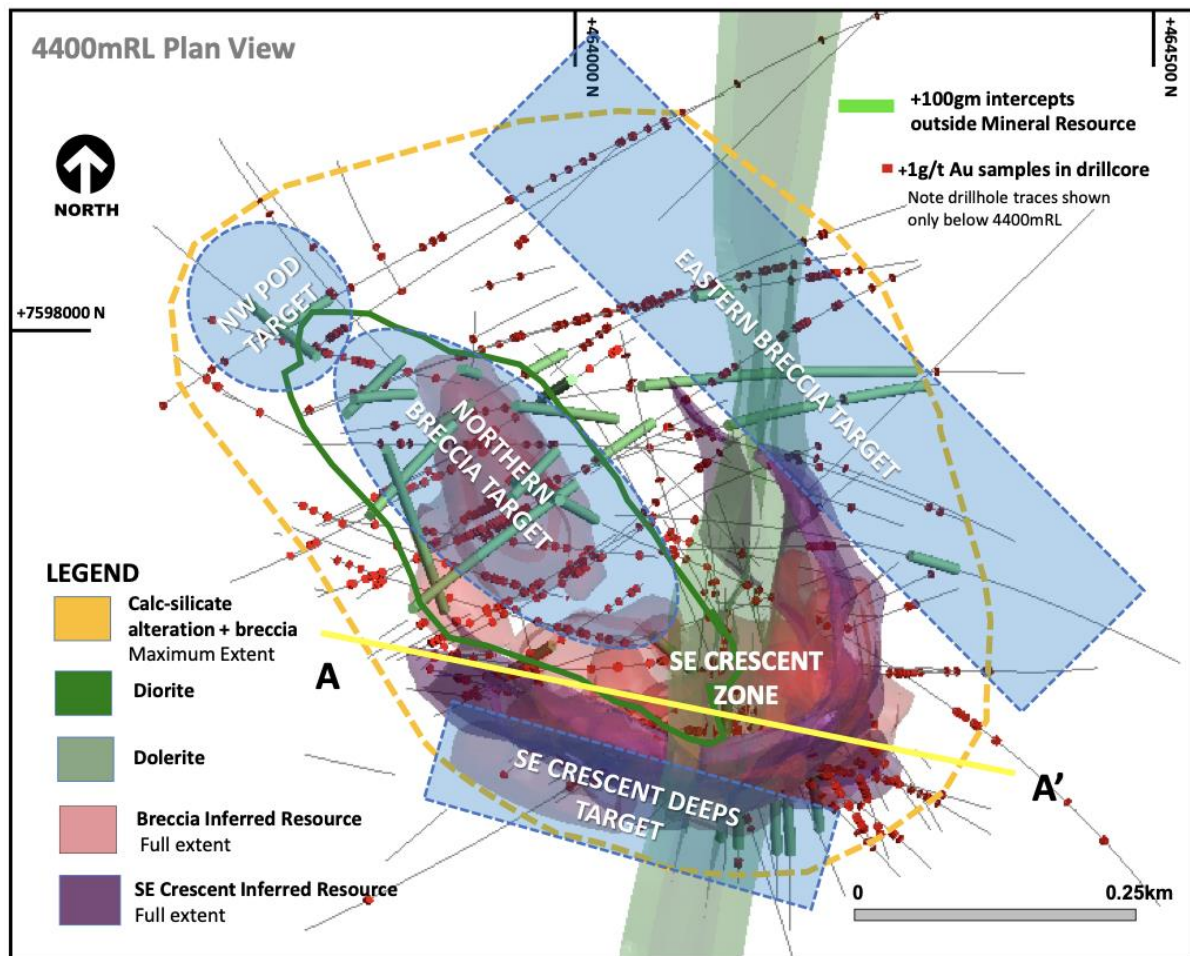
The Joint Venture Agreement includes tolling principles reflecting the intention of the parties that, subject to a successful exploration programme and feasibility study and a positive decision to mine, the resulting joint venture mineralised material will be processed at Telfer, located 45km west of Havieron.

A regional map showing the Havieron licence area with regional targets and adjacent landholdings can be found at: [www.greatlandgold.com/paterson](http://www.greatlandgold.com/paterson)

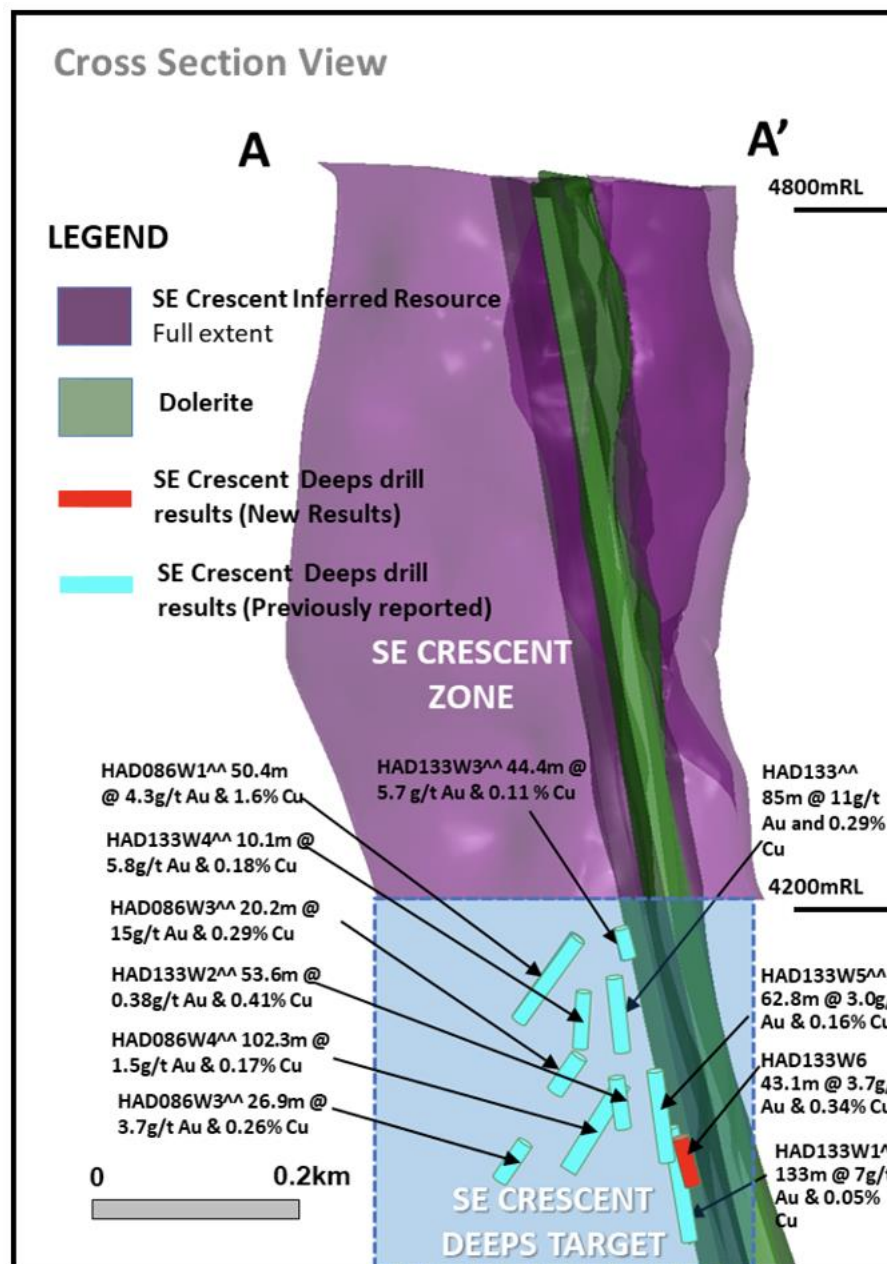
A version of this release with the full images and diagrams can be found on the Company's website: <https://greatlandgold.com/investors/regulatory-news/>



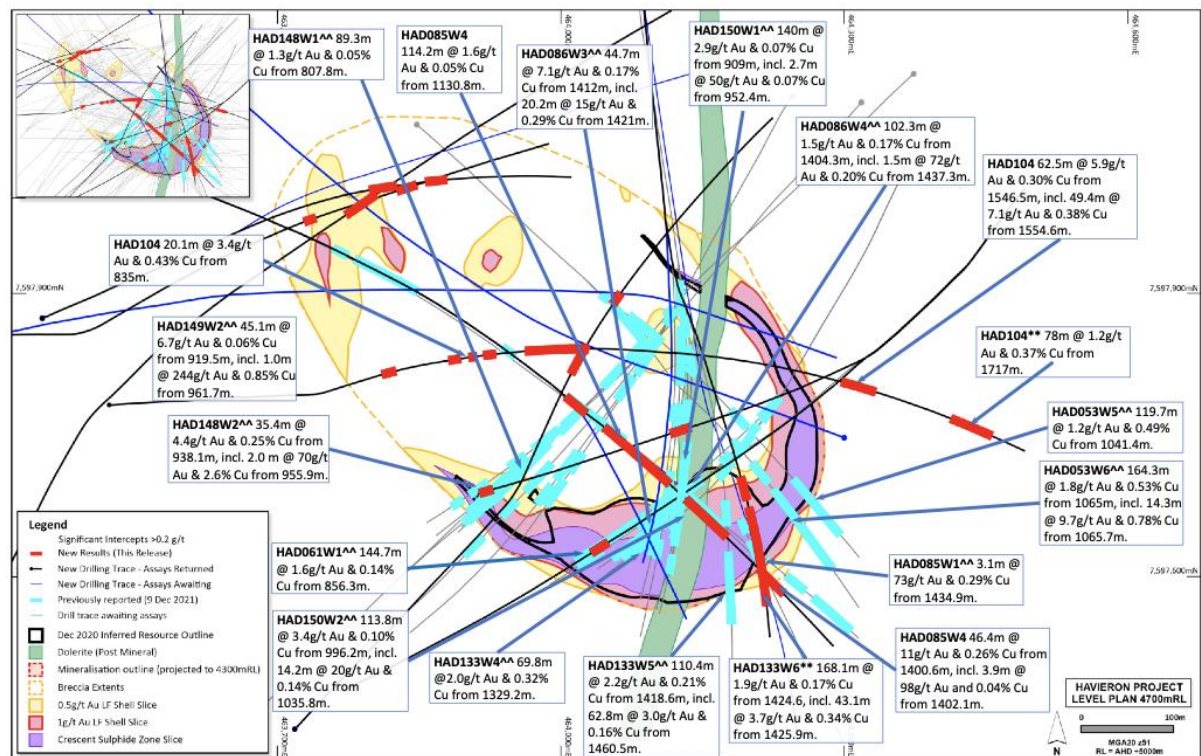
**Figure 1.** 3D Plan view schematic showing the spatial association of the South East Crescent, Northern Breccia, NW Pod and Eastern Breccia targets in relation to the Inferred Resource extents. Also highlighted are previously reported intercepts >100 gram metres (Au ppm x length) that have been intersected outside of the Inferred Mineral Resource.



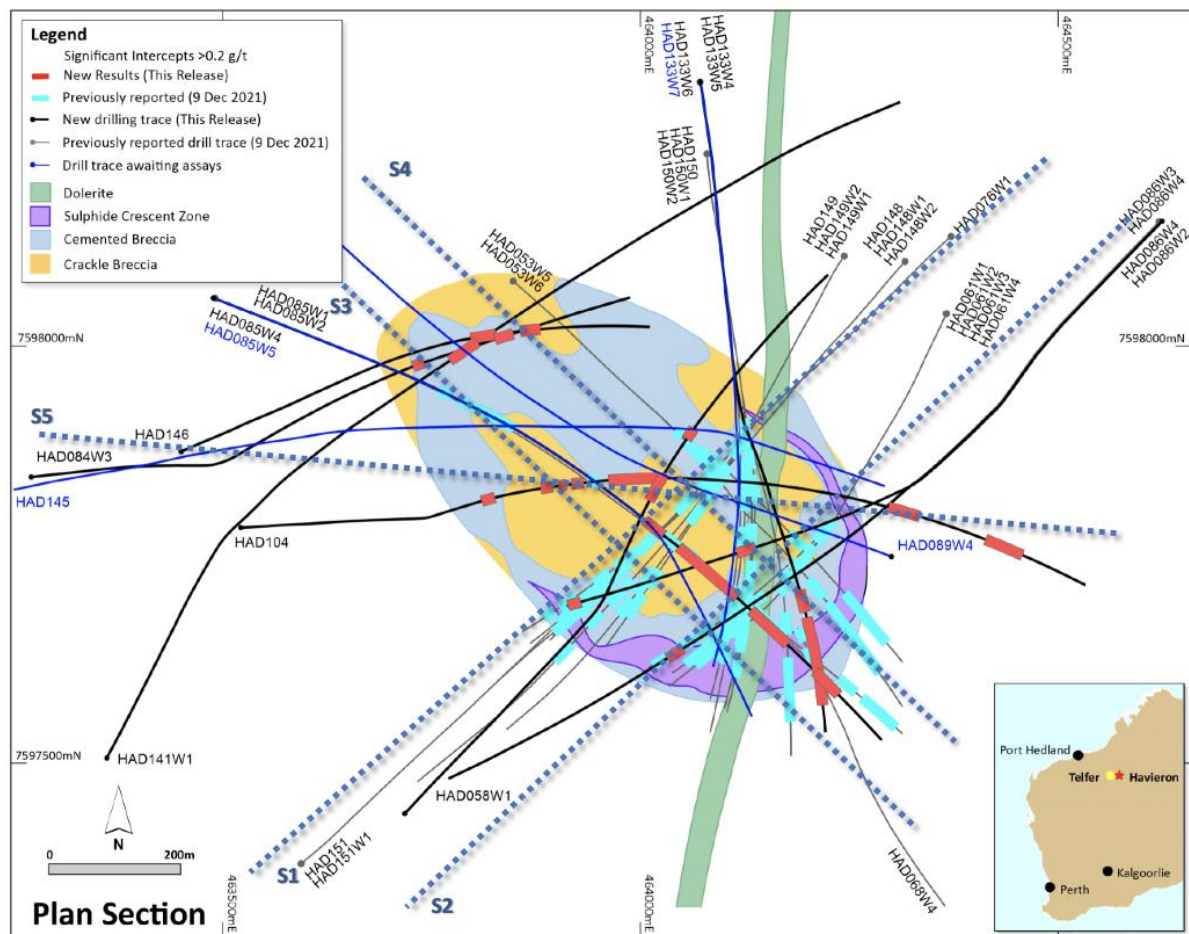
**Figure 2.** 3D section view schematic across section line A-A' on Figure 1, highlighting selected South East Crescent growth intercepts below the current Inferred Resource. Historical drilling is not shown for clarity.



**Figure 3.** Plan view schematic of a horizontal slice at 4700mRL through the Crescent Sulphide Zone and Breccia-hosted Zones, showing the extents of the 0.5 and 1.0 g/t Au LeapfrogTM grade shells with highlighted newly reported intercepts for this period. This diagram highlights >100gram metres intersections drilled during the period which are >1g/t Au, refer to inset diagram for relationship to all Havieron drilling.

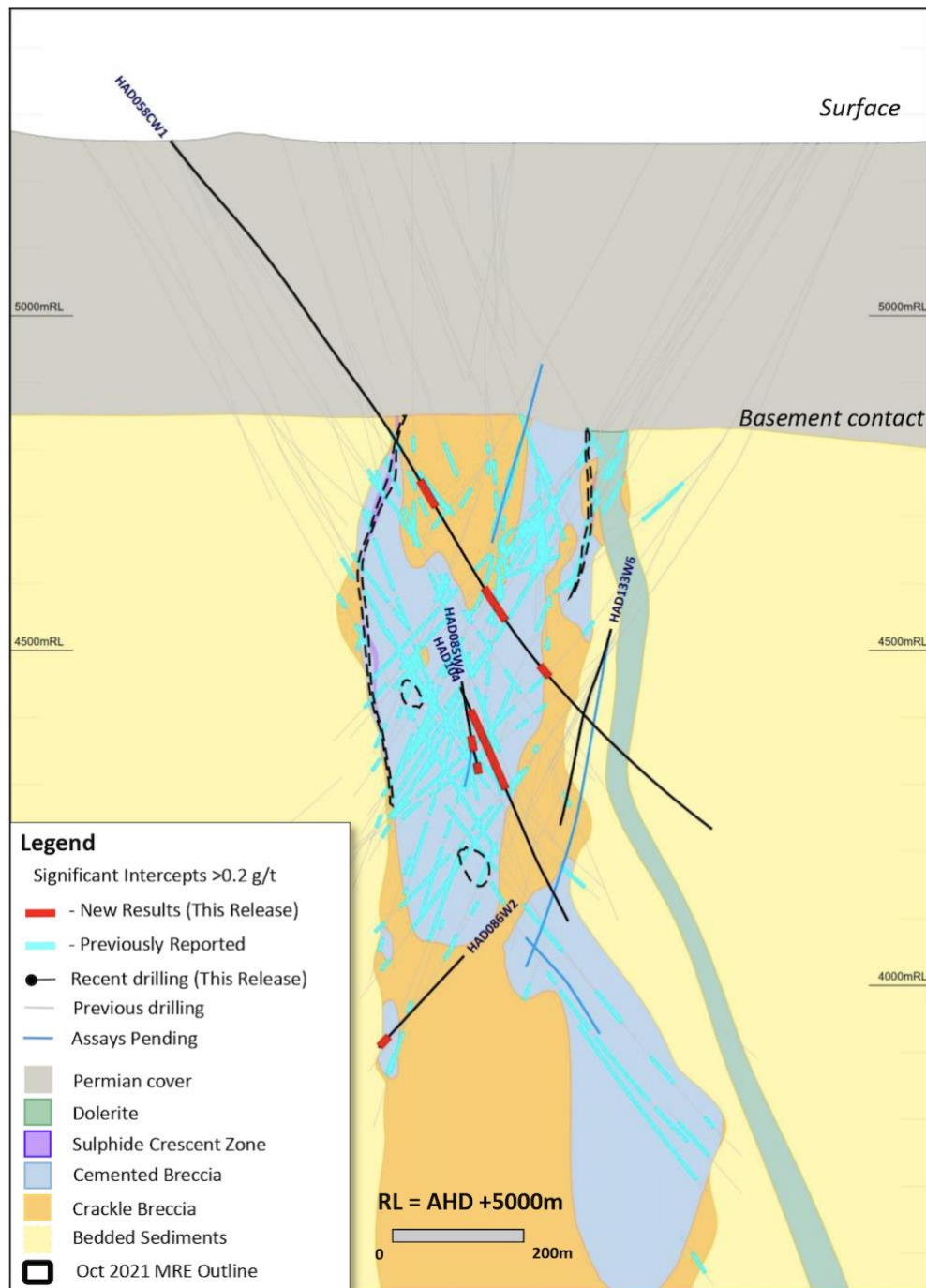


**Figure 4.** Schematic plan view map showing drill hole locations and significant intercepts reported in this release superimposed on the interpreted geology. Previously reported holes are not shown for the sake of clarity. Note some holes and results appear on multiple sections due to the sections orientation and sections overlap.

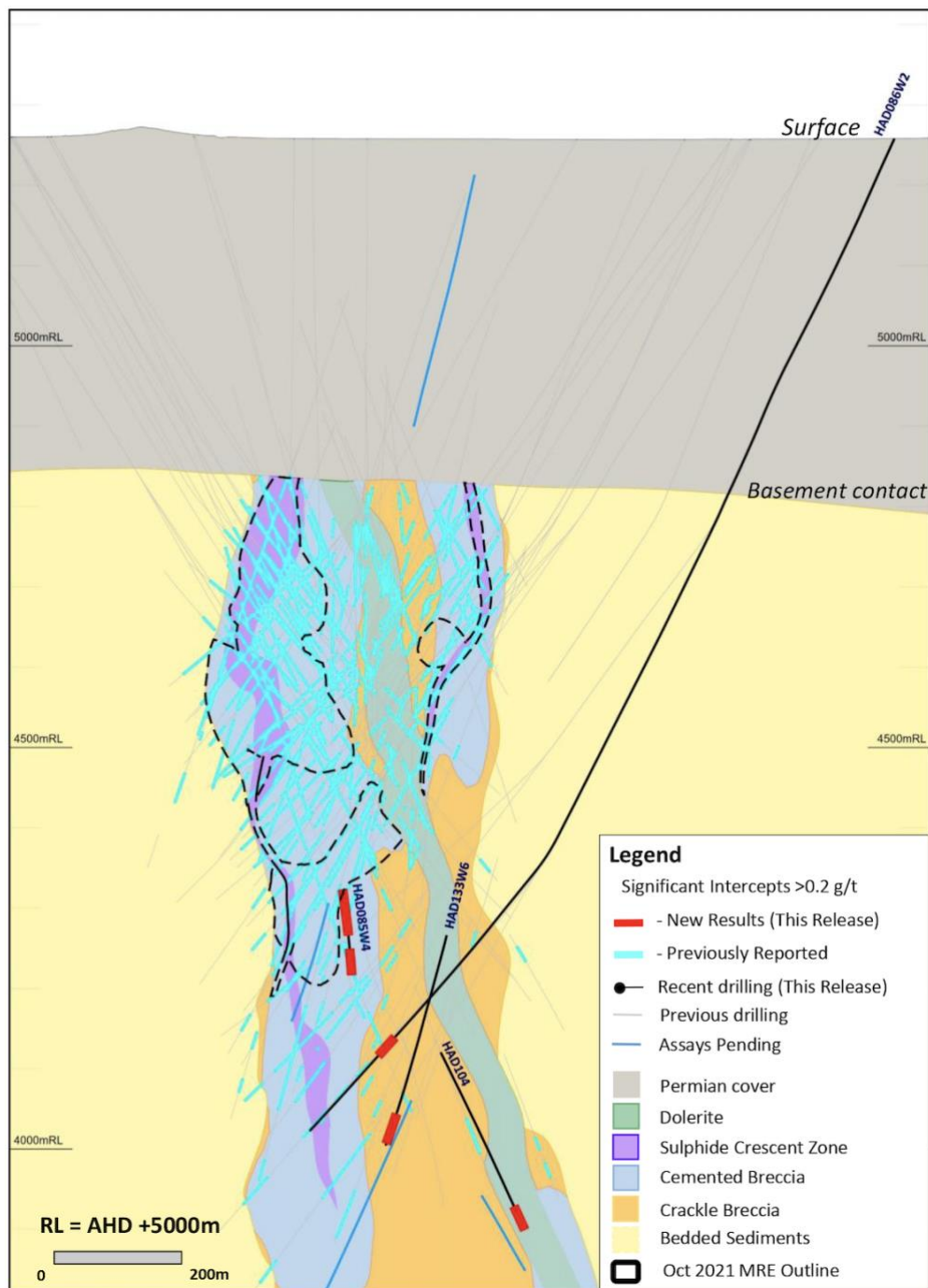




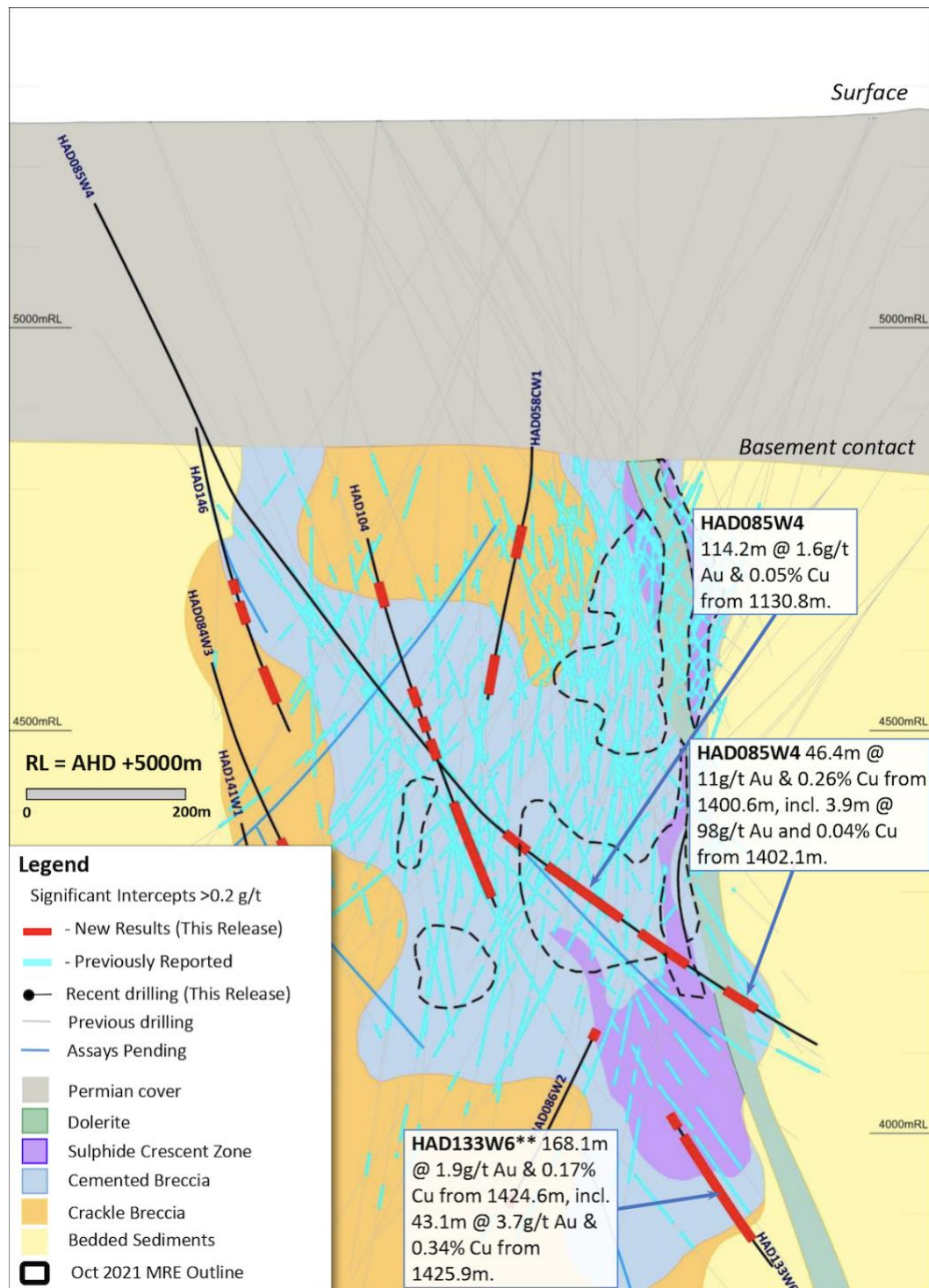
**Figure 5.** Schematic cross section of geology and significant new drillhole intercepts (looking North West, Section Line S1, +/-75m section width, as shown in Figure 4). Due to section window size and orientation holes may appear on multiple sections.



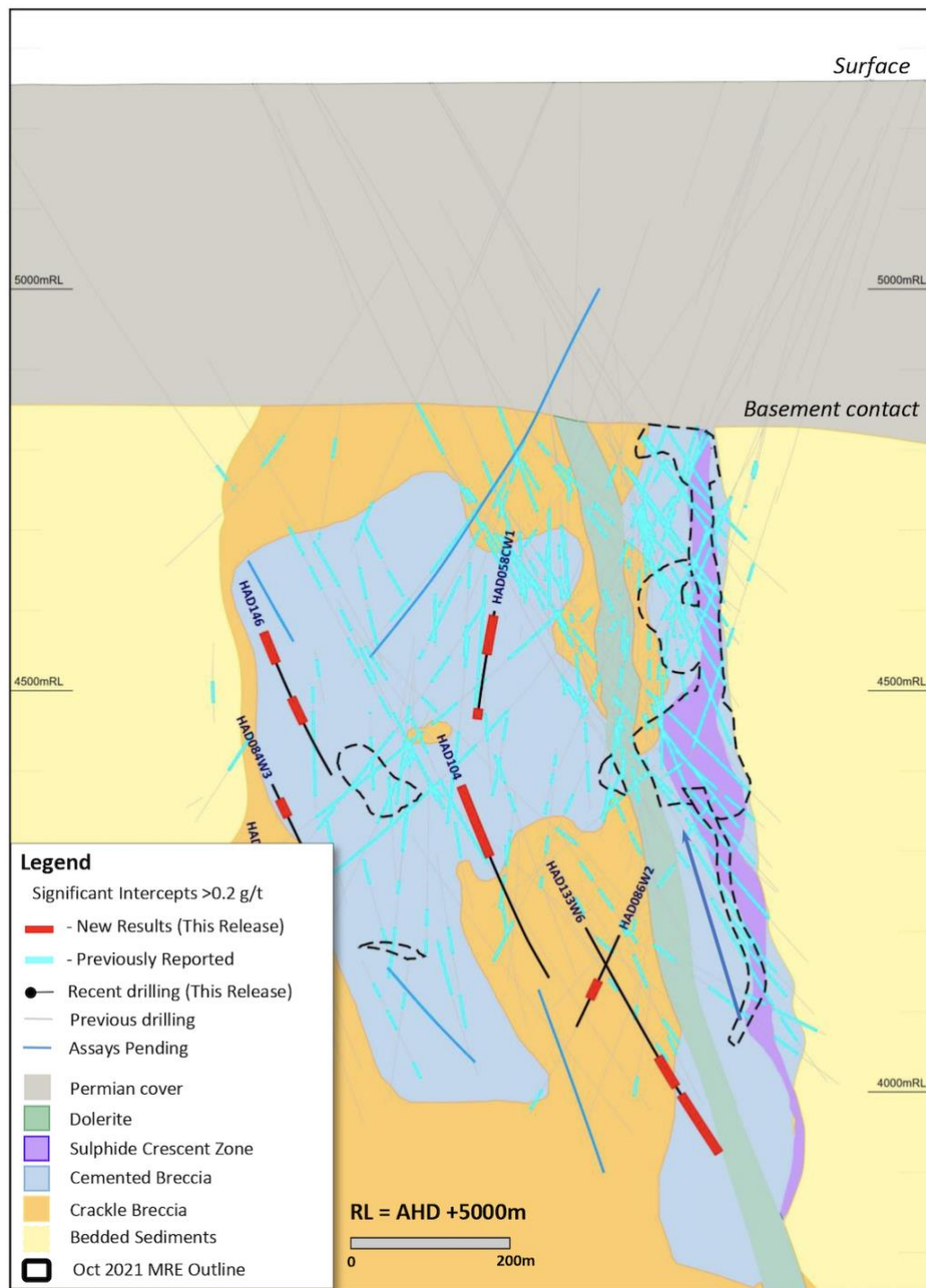
**Figure 6.** Schematic cross section of geology and significant new drillhole intercepts (looking North West, Section Line S2, +/-75m section width, as shown in Figure 4). Due to section window size and orientation holes may appear on multiple sections.



**Figure 7.** Schematic cross section of geology and significant new drillhole intercepts (looking North West, Section Line S3, +/-100m section width, as shown in Figure 4). Due to section window size and orientation holes may appear on multiple sections.

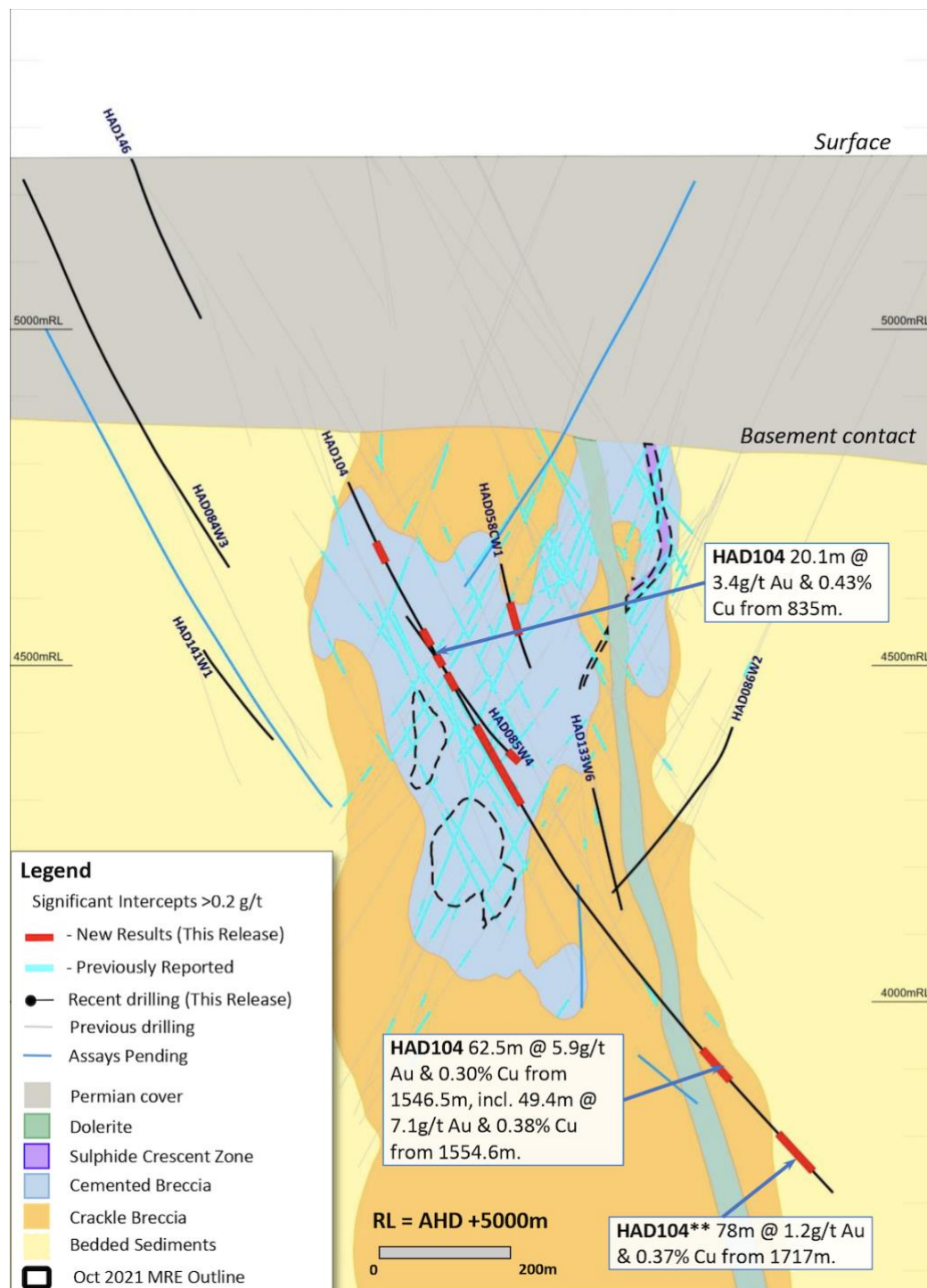


**Figure 8.** Schematic cross section of geology and significant new drillhole intercepts (looking North West, Section Line S4, +/-75m section width, as shown in Figure 4. Due to section window size and orientation holes may appear on multiple sections.





**Figure 9.** Schematic cross section of geology and significant new drillhole intercepts (looking North West, Section Line S4, +/-75m section width, as shown in Figure 4. Due to section window size and orientation holes may appear on multiple sections.



**Competent Person:**

Information in this announcement that relates to exploration results has been extracted from the following announcements:

“Quarterly Exploration Report”, dated 28 January 2022 (Newcrest)  
“Havieron Exploration and Development Update”, dated 9 December 2021 (Greatland)  
“Exploration Update”, dated 9 December 2021 (Newcrest)  
“Havieron Exploration and Development Update”, dated 28 October 2021 (Greatland)  
“Quarterly Exploration Report”, dated 28 October 2021 (Newcrest)  
“Havieron Development and Exploration Update” dated 9 September 2021 (Greatland)  
“Exploration Update”, dated 9 September 2021 (Newcrest)  
“Havieron Development and Exploration Update” dated 22 July 2021 (Greatland)  
“Quarterly Exploration Report”, dated 22 July 2021 (Newcrest)  
“Further Excellent Growth Drilling Results at Havieron”, dated 10 June 2021 (Greatland)  
“Exploration Update”, dated 10 June 2021 (Newcrest)  
“Excellent Growth Drilling Results at Havieron”, dated 29 April 2021 (Greatland)  
“Quarterly Exploration Report”, dated 29 April 2021 (Newcrest)  
“Further Outstanding Infill Drilling Results at Havieron”, dated 11 March 2021 (Greatland)  
“Exploration Update”, dated 11 March 2021 (Newcrest)  
“Newcrest Reports Further Drilling Results at Havieron”, dated 28 January 2021 (Greatland)  
“Quarterly Exploration Report”, dated 28 January 2021 (Newcrest)  
“Newcrest Reports Further Drilling Results at Havieron”, dated 10 December 2020 (Greatland)  
“Exploration Update”, dated 10 December 2020 (Newcrest)  
“Initial Inferred Mineral Resource Estimate for Havieron”, dated 10 December 2020 (Greatland)  
“Initial Inferred Mineral Resource Estimate for Havieron”, dated 10 December 2020 (Newcrest)  
“Drilling Results at Havieron Highlight Potential New Eastern Breccia Target”, dated 29 October 2020 (Greatland)  
“Quarterly Exploration Report”, dated 29 October 2020 (Newcrest)  
“Latest Drilling Results at Havieron Highlight Potential Bulk Tonnage Target”, dated 10 September 2020 (Greatland)  
“Exploration Update”, dated 10 September 2020 (Newcrest)  
“Newcrest Identifies New Zone of Breccia Mineralisation at Havieron”, dated 23 July 2020 (Greatland)  
“Quarterly Exploration Report”, dated 23 July 2020 (Newcrest)  
“Further Outstanding Drill Results from Havieron”, dated 11 June 2020 (Greatland)  
“Exploration Update”, dated 11 June 2020 (Newcrest)  
“Newcrest Reports Further Outstanding Drill Results at Havieron”, dated 30 April 2020 (Greatland)  
“Quarterly Exploration Report”, dated 30 April 2020 (Newcrest)  
“Newcrest Reports Further Outstanding Drill Results at Havieron”, dated 11 March 2020 (Greatland)  
“Exploration and Guidance Update”, dated 11 March 2020 (Newcrest)  
“Further Outstanding Drill Results at Havieron”, dated 30 January 2020 (Greatland)  
“Quarterly Exploration Report”, dated 30 January 2020 (Newcrest)  
“New Outstanding Drill Results at Havieron Extend the Strike Length of High-Grade Mineralisation”, dated 2 December 2019 (Greatland)  
“Exploration Update – Havieron”, dated 2 December 2019 (Newcrest)  
“Further High-Grade Drilling Results from Newcrest's Campaign at Havieron”, dated 24 October 2019 (Greatland)  
“Quarterly Exploration Report – September 2019”, dated 24 October 2019 (Newcrest)  
“Update on Newcrest Drilling Results at Havieron”, dated 10 September 2019 (Greatland)  
“Exploration Update – Havieron”, dated 10 September 2019 (Newcrest)  
“First Results from Newcrest's Drilling Campaign at Havieron”, dated 25 July 2019 (Greatland)  
“Newcrest Quarterly Exploration Report – June 2019”, dated 25 July 2019 (Newcrest)

Information in this announcement pertaining to Reporting of Exploration Results, which has been taken from Newcrest Mining Limited's announcement titled "Quarterly Exploration Report", dated 28 January 2022, has been reviewed and approved by Mr John McIntyre, a Member of the Australian Institute of Geoscientists (MAIG), who has more than 30 years relevant industry experience. Mr McIntyre is an employee of the Company and has no financial interest in Greatland Gold plc or its related entities. Mr McIntyre has sufficient experience relevant to the style of mineralisation and type of deposit under consideration, and to the activity which he is undertaking to qualify as a Competent Person as defined by the 2012 Edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (the JORC Code) and under the AIM Rules - Note for Mining and Oil & Gas Companies, which outline standards of disclosure for mineral projects. Mr McIntyre consents to the inclusion in this announcement of the matters based on this information in the form and context in which it appears. Mr McIntyre confirms that the Company is not aware of any new information or data that materially affects the information included in the relevant market announcements, and that the form and context in which the information has been presented has not been materially modified.

Additional information on the project can be found on the Company's website at <https://greatlandgold.com/projects/havieron/>

In addition to this release, a PDF version of this report with supplementary information can be found at the Company's website: [www.greatlandgold.com/media/jorc](http://www.greatlandgold.com/media/jorc)

#### **Notes for Editors:**

Greatland Gold plc (AIM:GGP) is a mining development and exploration company with a focus on precious and base metals. The Company's flagship asset is the world-class Havieron gold-copper deposit in the Paterson region of Western Australia, discovered by Greatland and presently under development in Joint Venture with Newcrest Mining Ltd.

Havieron is located approximately 45km east of Newcrest's Telfer gold mine and, subject to positive decision to mine, will leverage the existing infrastructure and processing plant to significantly reduce the project's capital expenditure and carbon impact for a low-cost pathway to development. An extensive growth drilling programme is presently underway at Havieron with a maiden Pre-Feasibility Study released on the South-East Crescent on 12 October 2021. Construction of the box cut and decline to develop the Havieron deposit commenced in February 2021.

Greatland has a proven track record of discovery and exploration success. It is pursuing the next generation of tier-one mineral deposits by applying advanced exploration techniques in under-explored regions. The Company is focused on safe, low-risk jurisdictions and is strategically positioned in the highly prospective Paterson region. Greatland has a total six projects across Australia with a focus on becoming a multi-commodity mining company of significant scale.

## APPENDIX I

### Havieron Project (Greatland Gold plc – Joint Venture Agreement): JORC Table 1

#### Section 1 Sampling Techniques and Data

Criteria	Commentary
<b>Sampling techniques</b>	Core samples are obtained from core drilling in Proterozoic basement lithologies. PQ-HQ and NQ diameter core was drilled on a 6m run. Core was cut using an automated core-cutter and half core sampled at 1m intervals or at breaks for major geological changes. Sampling intervals range from 0.2 – 1.0m. Cover sequences were not sampled.
<b>Drilling techniques</b>	<p>Permian Paterson Formation cover sequence was drilled using mud rotary drilling. Depths of cover typically observed to approximately 420m vertically below surface. Steel casing was emplaced to secure the pre-collar.</p> <p>Core drilling was advanced from the base of the cover sequence with PQ3, HQ3 and NQ2 diameter coring configuration.</p> <p>Core from inclined drill holes are oriented on 3m and 6m runs using an electronic core orientation tool (Reflex ACTIII). At the end of each run, the bottom of hole position is marked by the driller, which is later transferred to the whole drill core run length with a bottom of hole reference line.</p>
<b>Drill sample recovery</b>	<p>Core recovery is systematically recorded from the commencement of coring to end of hole, by reconciling against driller's depth blocks in each core tray with data recorded in the database. Drillers depth blocks provided the depth, interval of core recovered, and interval of core drilled.</p> <p>Core recoveries were typically 100%, with isolated zones of lower recovery.</p> <p>Cover sequence drilling by the mud-rotary drilling did not yield recoverable samples.</p>
<b>Logging</b>	<p>Geological logging recorded qualitative descriptions of lithology, alteration, mineralisation, veining, and structure (for all core drilled, 14,481m of drilling from 18 drill holes since 30 September 2021, all intersecting mineralisation), including orientation of key geological features.</p> <p>Geotechnical measurements were recorded including Rock Quality Designation (RQD) fracture frequency, solid core recovery and qualitative rock strength measurements.</p> <p>Magnetic susceptibility measurements were recorded every metre. The bulk density of selected drill core intervals was determined at site on whole core samples.</p> <p>All geological and geotechnical logging was conducted at the Havieron site.</p> <p>Digital data logging was captured on diamond drill core intervals only, and all data validated and stored in an acQuire database.</p> <p>All drill cores were photographed, prior to cutting and/or sampling the core.</p> <p>The logging is of sufficient quality to support Mineral Resource estimates.</p>
<b>Sub-sampling techniques and sample preparation</b>	<p>Sampling, sample preparation and quality control protocols are considered appropriate for the material being sampled.</p> <p>Core was cut and sampled at the Telfer and Havieron core processing facility. Half core samples of between 0.2 and 2.0 m were collected in pre-numbered calico bags and grouped in plastic bags for dispatch to the laboratory. Sample weights typically varied from 0.5 to 8kg. Sample sizes are considered appropriate for the style of mineralisation. Drill core samples were freighted by air and road to the laboratory.</p> <p>Sample preparation was conducted at the independent ISO17025 accredited Intertek Laboratory, Perth (Intertek). Samples were dried at 105°C, and crushed to 95% passing 4.75mm, and the split to obtain up to 3kg sub-sample, which was pulverised (using LM5) to produce a pulped product with the minimum standard of 95% passing 106µm. Routine grind size analysis is conducted. Duplicate samples were collected from crush and pulp samples at a rate of 1:20.</p> <p>Duplicate results show an acceptable level of variability for the material sampled and style of mineralisation.</p> <p>Periodic size checks (1:20) for crush and pulp samples and sample weights are provided by the laboratory and recorded in the acQuire database.</p>
<b>Quality of assay data and laboratory tests</b>	<p>Assaying of drill core samples was conducted at Intertek. All samples were assayed for 48 elements using a 4-acid digestion followed by ICP-AES/ICP-MS determination (method 4A/MS907), which is considered to provide a total assay for copper. Gold analyses were determined by 50g fire assay with AAS finish (method FA50N/AA), which is considered to provide a total assay for gold.</p> <p>Sampling and assaying quality control procedures consisted of inclusion of certified reference material (CRMs), coarse residue and pulp duplicates with each batch (at least 1:20).</p>

Criteria	Commentary
	<p>Assays of quality control samples were compared with reference samples in acQuire database and verified as acceptable prior to use of data from analysed batches.</p> <p>Laboratory quality control data, including laboratory standards, blanks, duplicates, repeats and grind size results are captured in the acQuire database and assessed for accuracy and precision for recent data.</p> <p>Extended quality control programmes including pulp samples submitted to an umpire laboratory and combined with more extensive re-submission programmes have been completed.</p> <p>Analysis of the available quality control sample assay results indicates that an acceptable level of accuracy and precision has been achieved and the database contains no analytical data that has been numerically manipulated.</p> <p>The assaying techniques and quality control protocols used are considered appropriate for the data to be used for reporting exploration drilling results.</p>
<b>Verification of sampling and assaying</b>	<p>Sampling intervals defined by the geologist are electronically assigned sample identification numbers prior to core cutting. Corresponding sample numbers matching pre-labelled calico bags are assigned to each interval.</p> <p>All sampling and assay information were stored in a secure acQuire database with restricted access.</p> <p>Electronically generated sample submission forms providing the sample identification number accompany each submission to the laboratory. Assay results from the laboratory with corresponding sample identification are loaded directly into the acQuire database.</p> <p>Assessment of reported significant assay intervals was verified by re-logging of diamond drill core intervals and assessment of high resolution core photography. The verification of significant intersections has been completed by Newcrest personnel and Newcrest's Competent Person/Qualified Person. John McIntyre, Greatland's Competent Person, has reviewed and validated the significant intersections.</p> <p>No adjustments are made to assay data, and no twinned holes have been completed.</p> <p>There are no currently known drilling, sampling, recovery, or other factors that could materially affect the accuracy or reliability of the data.</p>
<b>Location of data points</b>	<p>Drill collar locations were surveyed using a differential GPS with GNSS with a stated accuracy of +/- 0.5m for all drill holes reported.</p> <p>Drill rig alignment was attained using an electronic azimuth aligner. Downhole survey was collected at 6-12m intervals in the cover sequence, and every 6 to 30m in diamond drill core segments of the drill hole using single shot (Axis Mining Champ Gyro). The single shot surveys have been validated using continuous survey to surface (Axis Mining Champ) along with a selection of drill holes re-surveyed by an external survey contractor using a DeviGyro tool - confirming sufficient accuracy for downhole spatial recording.</p> <p>A LIDAR survey was completed over the project area in Nov 2019 which was used to prepare a DEM / topographic model for the project with a spatial accuracy of +/- 0.1m vertical and +/- 0.3m horizontal. The topography is generally low relief to flat, elevation within the dune corridors in ranges between 250-265m Australian Height Datum (AHD) steepening to the southeast. All collar coordinates are provided in the Geocentric Datum of Australian (GDA20 Zone 51). All relative depth information is reported in AHD +5000m.</p>
<b>Data spacing and distribution</b>	<p>Within the South-East Crescent and Breccia zone drill hole spacing ranges from 50 to 100m, to 50 by 50m within the initial resource extents. Outside the initial resource boundary drill hole spacing ranges from 50 to 200m in lateral extent within the breccia zone over an area of ~2km<sup>2</sup>. The data spacing is sufficient to establish the degree of geological and grade continuity.</p> <p>Significant assay intercepts remain open. Further drilling is required to determine the extent of currently defined mineralisation. No sample compositing is applied to samples.</p> <p>Drilling intersects mineralisation at various angles.</p>
<b>Orientation of data in relation to geological structure</b>	<p>Drill holes exploring the extents of the Haverton mineral system intersect moderately dipping carbonate and siliclastic sedimentary facies, mineralised breccia and sub-vertical intrusive lithologies. Geological modelling has been interpreted from historic and Newcrest drill holes.</p> <p>Variable brecciation, alteration and sulphide mineralisation is observed with a footprint with dimensions of 650m x 350m trending in a north west orientation and over 1,000m in vertical extent below cover.</p> <p>The subvertical southeast high grade arcuate Crescent Sulphide Zone has an average thickness of 20m and has been defined over a strike length of up to 550m, and over 850m in vertical extent below cover.</p> <p>Drilling direction is oriented to intersect the steeply dipping high-grade sulphide mineralisation zones at an intersection angle of greater than 40 degrees. The drilled length of reported intersections is typically greater than true width of mineralisation.</p>
<b>Sample security</b>	<p>The security of samples is controlled by tracking samples from drill rig to database.</p>

Criteria	Commentary
	<p>Drill core was delivered from the drill rig to the Havieron core yard every shift. On completion of geological and geotechnical logging, core processing was completed by Newcrest personnel at the Telfer facility but subsequently completed at the Havieron facility.</p> <p>High resolution core photography and cutting of drill core was undertaken at the Havieron or Telfer core processing facilities.</p> <p>Samples were freighted in sealed bags by air and road to the Laboratory, and in the custody of Newcrest representatives. Sample numbers are generated directly from the database. All samples are collected in pre-numbered calico bags.</p> <p>Verification of sample numbers and identification is conducted by the laboratory on receipt of samples, and sample receipt advise issued to Newcrest.</p> <p>Details of all sample movement are recorded in a database table. Dates, Hole ID sample ranges, and the analytical suite requested are recorded with the dispatch of samples to analytical services. Any discrepancies logged at the receipt of samples into the analytical services are validated.</p>
<b>Audits or reviews</b>	<p>Internal reviews of core handling, sample preparation and assays laboratories were conducted on a regular basis by both project personnel and owner representatives.</p> <p>In the Competent Person's opinion, the sample preparation, security and analytical procedures are consistent with current industry standards and are entirely appropriate and acceptable for the styles of mineralisation identified and will be appropriate for use in the reporting of exploration results and Mineral Resource estimates. There are no identified drilling, sampling or recovery factors that materially impact the adequacy and reliability of the results of the drilling programme in place at the Havieron Project.</p>

## Section 2 Reporting of Exploration Results

Criteria	Commentary
Mineral tenement and land tenure status	<p>The Havieron Project is contained within mining tenement M45/1287, which is jointly owned by Greatland Pty Ltd and Newcrest Operations Limited. Newcrest has entered into a Joint Venture Agreement (effective 30 November 2020) and Farm-In Agreement (effective 12 March 2019) with Greatland Pty Ltd and Greatland Gold plc. Newcrest is the manager of the Havieron Project. As outlined in previous announcements, following delivery of a Pre-Feasibility Study and meeting the relevant expenditure commitment, Newcrest is entitled to an additional 10% joint venture interest, and exercising this entitlement will result in an overall joint venture interest of 70% Newcrest (30% Greatland). Newcrest may also acquire an additional 5% joint venture interest at fair market value (under the principles of the Joint Venture Agreement) and, if exercised, Newcrest will be entitled to an overall joint venture interest of 75% (Greatland 25%). As detailed in the announcement of 21 December 2021, Newcrest has issued a notice to Greatland informing it that Newcrest would like to begin the process under the joint venture agreement to seek to agree or, failing agreement, determine the option exercise price.</p> <p>Newcrest and the Western Desert Lands Aboriginal Corporation are parties to an Indigenous Land Use Agreement (ILUA) which relates to the use of native title land for Newcrest's current operations at Telfer and its activities within a 60-km radius around Telfer and includes its exploration activities at Havieron. The parties have agreed that the ILUA will apply to any future development activities by the Joint Venture Participants (Newcrest and Greatland Gold) at Havieron.</p>
Exploration done by other parties	<p>Newcrest completed six core holes in the vicinity of the Havieron Project from 1991 to 2003. Greatland Gold completed drill targeting and drilling of nine Reverse Circulation (RC) drill holes with core tails for a total of approximately 6,800m in 2018. Results of drilling programmes conducted by Greatland Gold have previously been reported on the Greatland Gold website.</p> <p>Drilling has defined an intrusion-related mineral system with evidence of breccia and massive sulphide-hosted higher-grade gold-copper mineralisation.</p>
Geology	<p>The Havieron Project is located within the north-western exposure of the Palaeo-Proterozoic to Neoproterozoic Paterson Orogen (formerly Paterson Province), 45 km east of Telfer. The Yeneena Supergroup hosts the Havieron prospect and consists of a 9km thick sequence of marine sedimentary rocks and is entirely overlain by approximately 420m of Phanerozoic sediments of the Paterson Formation and Quaternary aeolian sediments.</p> <p>Gold and copper mineralisation at Havieron consist of breccia, vein and massive sulphide replacement gold and copper mineralisation typical of intrusion-related and skarn styles of mineralisation. Mineralisation is hosted by metasedimentary rocks (meta-sandstones, meta-siltstones and meta-carbonate) and intrusive rocks of an undetermined age. The main mineral assemblage contains well developed pyrrhotite-chalcopyrite and pyrite sulphide mineral assemblages as breccia and vein infill, and massive sulphide lenses. The main mineralisation event is associated with amphibole-carbonate-biotite-sericite-chlorite wall rock alteration. Drilling has partially defined the extents of mineralisation which are observed over 650m by 350m within an arcuate shaped mineralised zone, and to depths of up to 1400m below surface.</p>

Drill hole Information	As provided in Appendix II.
Data aggregation methods	Significant assay intercepts are reported as (A) length-weighted averages exceeding 1.0g/t Au greater than or equal to 10m, with a maximum of 5m consecutive internal dilution; and (B) length-weighted averages exceeding 0.2g/t Au for greater than or equal to 20m, with a maximum of 10m consecutive internal dilution, and (C) intervals of >30g/t with no internal dilution which are greater or equal to 30 gram metres (Au_ppm x length). No top cuts are applied to intercept calculations.
Relationship between mineralisation widths and intercept lengths	Significant assay intervals reported represent apparent widths. Drilling is not always perpendicular to the dip of mineralisation and true widths are less than downhole widths. Estimates of true widths will only be possible when all results are received, and final geological interpretations have been completed.
Diagrams	Figures 1 through 9 as provided.
Balanced reporting	<p>This is the twenty first release of Exploration Results for this project made by Newcrest and Greatland Gold. Previous release dates are 25 July 2019, 10 September 2019, 24 October 2019, 2 December 2019, 30 January 2020, 11 March 2020, 30 April 2020, 11 June 2020, 23 July 2020, 10 September 2020, 29 October 2020, 10 December 2020, 28 January 2021, 11 March 2021, 29 April 2021, 10 June 2021, 22 July 2021, 9 September 2021, 28 October 2021 and 9 December 2021.</p> <p>Earlier reporting of exploration programmes conducted by Newcrest and Greatland Gold have previously been reported. Exploration drilling programmes are ongoing and further material results will be reported in subsequent Greatland and Newcrest releases.</p>
Other substantive exploration data	Nil
Further work	Growth drilling is planned to extend the October 2021 Inferred and Indicated Mineral Resource estimate, define the limits of the Havieron mineralised system and test geophysical targets outside the existing mineralised system.



## APPENDIX II

### Drillhole Data and Au- Cu Significant Intersections

#### Havieron Project, Paterson Province, Western Australia

Reporting Criteria: Intercepts reported are downhole drill width (not true width) Au >0.20ppm (0.2g/t Au) and minimum 20m downhole width with maximum consecutive internal dilution of 10m. Average grades are based on length-weighting of samples grades. Also highlighted are high grade intervals of Au >1.0ppm (1g/t Au) and minimum 10m downhole width with maximum consecutive internal dilution of 5m, and intervals of >30g/t which are greater or equal to 30 gram metres (Au\_ppm x length) are tabled. Gold and copper grades are reported to two significant figures, the downhole lengths are rounded to 0.1m which may cause some apparent discrepancies in interval widths. Samples are from core drilling which is PQ, HQ or NQ in diameter. Core is photographed and logged by the geology team before being cut. Half core PQ, HQ and NQ samples are prepared for assay and the remaining material is retained in the core farm for future reference. Each assay batch is submitted with duplicates and standards to monitor laboratory quality. Total depth (end of hole) is rounded to one decimal place for reporting purposes. Collars denoted with a \* show partial results, with further significant assays to be reported in subsequent exploration updates.

Hole ID	Hole Type	Easting (m)	Northing (m)	RL (m)	Total Depth (m)	Azimuth (°)	Dip (°)	From (m)	To (m)	Interval (m)	Au (ppm)	Cu (pct)	Cut off
HAD053W5	MR-DD	463846	7598077	256	1207	132	-61	568.8	589.8	21	0.21	0.08	0.2 g/t Au
								636.2	718.2	82	0.55	0.21	0.2 g/t Au
								777.3	802.6	25.3	0.21	0.09	0.2 g/t Au
								886.2	927.6	41.4	1.6	0.11	0.2 g/t Au
								957.7	958.5	0.8	94	4.2	30 g.m. Au
								1041.4	1161.1	119.7	1.2	0.49	0.2 g/t Au
							Incl.	1041.4	1052	10.6	5.3	0.26	1.0 g/t Au
							Incl.	1083	1093.5	10.5	0.53	0.30	1.0 g/t Au
							Incl.	1119	1132.5	13.5	4.1	0.61	1.0 g/t Au
HAD053W6	MR-DD	463845	7598075	256	1302.4	132	-61	609.3	722	112.7	0.21	0.12	0.2 g/t Au
								958.4	981.2	22.8	1.6	0.19	0.2 g/t Au
								1008.4	1054.8	46.4	0.75	0.18	0.2 g/t Au
								1065	1229.3	164.3	1.8	0.53	0.2 g/t Au
							Incl.	1065.7	1080	14.3	9.7	0.78	1.0 g/t Au
							Incl.	1072	1074	2	26	0.73	30 g.m. Au
							Incl.	1086	1098.8	12.8	2.7	0.64	1.0 g/t Au
							Incl.	1165.1	1177.7	12.6	2.9	0.78	1.0 g/t Au
HAD058W1	MR-DD	463718	7597439	260	1325.6	43	-50	823	883	60	0.26	0.19	0.2 g/t Au
								968	979.7	11.7	1.1	0.39	0.2 g/t Au
								968	990.7	22.7	0.58	0.21	1.0 g/t Au
HAD061W1	MR-DD	464367	7598038	257	1010.1	206	-61	557.6	589.5	31.9	0.49	0.04	0.2 g/t Au
								774.6	842.9	68.3	0.63	0.11	0.2 g/t Au
								856.3	1001	144.7	1.6	0.14	0.2 g/t Au
HAD061W2	MR-DD	464367	7598038	257	997.3	206	-61	535.1	593.3	58.2	1.7	0.42	0.2 g/t Au
								622.4	676.6	54.2	0.14	0.02	0.2 g/t Au
								686.8	729.2	42.4	0.84	0.03	0.2 g/t Au
								824.8	847.4	22.6	0.48	0.18	0.2 g/t Au
								868.4	936.4	68	0.67	0.27	0.2 g/t Au
							Incl.	886.6	899.6	13	1.6	0.44	1.0 g/t Au
HAD061W3	MR-DD	464367	7598038	257	540	206	-61	Hole Abandoned					



Hole ID	Hole Type	Easting (m)	Northing (m)	RL (m)	Total Depth (m)	Azimuth (deg)	Dip (deg)	From (m)	To (m)	Interval (m)	Au (ppm)	Cu (pct)	Cut off
HAD061W4	MR-DD	464368	7598039	257	1082.4	206	-61	615.8	644	28.2	0.63	0.01	0.2 g/t Au
								708.4	741	32.6	0.91	0.07	0.2 g/t Au
								884.1	912	27.9	0.44	0.29	0.2 g/t Au
								925.4	1053.5	128.1	0.66	0.09	0.2 g/t Au
HAD068W4	MR-DD	464547	7597081	261	1170.1	323	-55	1082	1129	47	0.77	0.35	0.2 g/t Au
								1140.7	1168.8	28.1	0.31	0.11	0.2 g/t Au
HAD076W1	MR-DD	464373	7598130	257	1122.3	227	-55	613	633.8	20.8	0.16	0.20	0.2 g/t Au
								689.2	730.3	41.1	1.0	0.06	0.2 g/t Au
								742	792.4	50.4	0.18	0.03	0.2 g/t Au
							Incl.	900.2	900.5	0.3	121	0.01	30 g.m. Au
								964.4	1025.1	60.7	0.17	0.05	0.2 g/t Au
							Incl.	1053	1054.5	1.5	29	1.6	30 g.m. Au
HAD084W3	MR-DD	463271	7597843	256	1311	83	-65	926	947.1	21.1	0.61	0.37	0.2 g/t Au
								1076	1108.2	32.2	0.46	0.07	0.2 g/t Au
HAD085W1	MR-DD	463488	7598056	255	1580.4	111	-63	1434.9	1438	3.1	73	0.29	30 g.m. Au
								1466	1496	30	1.1	0.19	0.2 g/t Au
								1507	1568	61	1.1	0.17	0.2 g/t Au
							Incl.	1527.8	1539	11.2	5.3	0.39	1.0 g/t Au
							Incl.	1531.9	1532.7	0.8	43	0.01	30 g.m. Au
HAD085W2	MR-DD	463488	7598056	255	1397.1	112	-63	607.6	636.5	28.9	0.85	0.09	0.2 g/t Au
							Incl.	614.5	628.3	13.8	1.3	0.14	1.0 g/t Au
								648	771.5	123.5	0.41	0.07	0.2 g/t Au
								813.6	814.8	1.2	25	0.31	30 g.m. Au
								940.4	967.9	27.5	0.26	0.05	0.2 g/t Au
								1066.8	1120.2	53.4	0.33	0.02	0.2 g/t Au
								1134	1163.2	29.2	0.39	0.14	0.2 g/t Au
								1256.2	1333.4	77.2	0.36	0.16	0.2 g/t Au
							Incl.	1256.2	1269.2	13	1.3	0.12	1.0 g/t Au
HAD085W3	MR-DD	463489	7598058	255	1267.8	111	-63	Hole Abandoned					
HAD085W4	MR-DD	463489	7598058	255	1534.2	111	-63	1130.8	1245	114.2	1.6	0.05	0.2 g/t Au
								1203.7	1204.6	0.9	128	0.37	30 g.m. Au
								1272.8	1345.3	72.5	0.61	0.20	0.2 g/t Au
								1400.6	1447	46.4	11	0.26	0.2 g/t Au
								1402.1	1406	3.9	98	0.04	30 g.m. Au
								1433.2	1434.7	1.5	70	0.68	30 g.m. Au
HAD085W5	MR-DD	463489	7598058	255	1435.1	111	-63	Assays Pending					
HAD086W2	MR-DD	464623	7598148	258	1629.6	225	-65	1298	1331	33	0.30	0.01	0.2 g/t Au
								1605.4	1627.3	21.9	0.20	0.01	0.2 g/t Au
HAD086W3	MR-DD	464623	7598148	258	1624	225	-65	1373	1398.7	25.7	2.0	0.11	0.2 g/t Au
							Incl.	1373.8	1375	1.2	29	0.76	30 g.m. Au
								1412	1456.7	44.7	7.1	0.17	0.2 g/t Au

Hole ID	Hole Type	Easting (m)	Northing (m)	RL (m)	Total Depth (m)	Azimuth (deg)	Dip (deg)	From (m)	To (m)	Interval (m)	Au (ppm)	Cu (pct)	Cut off
							Incl.	1421	1441.2	20.2	15	0.29	1.0 g/t Au
							Incl.	1421	1424.9	3.9	47	0.33	30 g.m. Au
							Incl.	1431.7	1433.5	1.8	50	0.45	30 g.m. Au
								1525	1573	48	2.2	0.15	0.2 g/t Au
							Incl.	1538.1	1565	26.9	3.7	0.26	1.0 g/t Au
HAD086W4**	MR-DD	464623	7598148	258	2115.3	225	-65	1404.3	1506.6	102.3	1.5	0.17	0.2 g/t Au
							Incl.	1437.3	1438.8	1.5	72	0.20	30 g.m. Au
								1602	1638	36	0.41	0.17	0.2 g/t Au
HAD089W4	MR-DD	464300	7597747	258	1489.9	290	-61	Assays Pending					
HAD104**	MR-DD	463522	7597782	257	1913.6	87	-63	642.9	677.6	34.7	1.1	0.06	0.2 g/t Au
								792.1	819.9	27.8	0.29	0.06	0.2 g/t Au
								835	855.1	20.1	3.4	0.43	0.2 g/t Au
								866.9	895.3	28.4	0.63	0.15	0.2 g/t Au
								956.2	1092.6	136.4	0.72	0.09	0.2 g/t Au
								1267	1459.8	Assays Pending			
								1546.5	1609	62.5	5.9	0.30	0.2 g/t Au
								1554.6	1604	49.4	7.1	0.38	1.0 g/t Au
								1566.6	1567.6	1.0	82	0.52	30 g.m. Au
								1717	1795	78	1.2	0.37	0.2 g/t Au
								1795	1913.6	Assays Pending			
HAD133W4**	MR-DD	464071	7598315	257	1468.5	171	-65	1153.2	1181.4	28.2	0.08	0.05	0.2 g/t Au
								1329.2	1399	69.8	2.0	0.32	0.2 g/t Au
							Incl.	1334	1344.1	10.1	5.8	0.18	1.0 g/t Au
							Incl.	1339.8	1341	1.2	27	0.01	30 g.m. Au
							Incl.	1368.4	1392.9	24.5	3.0	0.62	1.0 g/t Au
HAD133W5**	MR-DD	464071	7598315	257	1543.9	171	-65	1339.3	1381	41.7	0.31	0.03	0.2 g/t Au
								1418.6	1529	110.4	2.2	0.21	0.2 g/t Au
							Incl.	1460.5	1523.3	62.8	3.0	0.16	1.0 g/t Au
							Incl.	1478.2	1478.5	0.3	100	0.02	30 g.m. Au
HAD133W6**	MR-DD	464072	7598317	257	1639.5	171	-65	1367	1413	46	0.92	0.01	0.2 g/t Au
								1424.6	1592.7	168.1	1.9	0.17	0.2 g/t Au
								1425.9	1469	43.1	3.7	0.34	1.0 g/t Au
								1441	1442	1.0	64	0.20	30 g.m. Au
								1531.8	1550	18.2	2.6	0.31	1.0 g/t Au
								1555.5	1567	11.5	5.4	0.04	1.0 g/t Au
								1595.4	1639.5	Assays Pending			
HAD133W7	MR-DD	464072	7598317	257	1692.5	171	-65	Assays Pending					
HAD141W1	MR-DD	463362	7597504	264	1985.9	27	-65	1195.6	1248	52.4	0.57	0.05	0.2 g/t Au
HAD145A	MR-DD	463201	7597816	256	1824.5	75	-65	Assays Pending					
HAD146	MR-DD	463451	7597873	253	1121.7	68	-62	771.7	826	54.3	0.29	0.04	0.2 g/t Au
								877.7	918	40.3	0.39	0.06	0.2 g/t Au

Hole ID	Hole Type	Easting (m)	Northing (m)	RL (m)	Total Depth (m)	Azimuth (deg)	Dip (deg)	From (m)	To (m)	Interval (m)	Au (ppm)	Cu (pct)	Cut off
HAD146W1	MR-DD	463451	7597873	253	1189.4	69	-60	Assays Pending					
HAD148W1	MR-DD	464317	7598100	257	990.7	222	-55	574.1	617.8	43.7	0.24	0.04	0.2 g/t Au
								733.4	760.1	26.7	0.13	0.01	0.2 g/t Au
								781.2	813.2	32	0.48	0.02	0.2 g/t Au
								829.3	914.6	85.3	0.41	0.08	0.2 g/t Au
HAD148W1M	MR-DD	464317	7598100	257	1008.5	222	-55	729	784.4	55.4	0.29	0.03	0.2 g/t Au
								807.8	897.1	89.3	1.3	0.05	0.2 g/t Au
							Incl.	839.3	840.1	0.8	39	1.0	30 g.m. Au
							Incl.	867.2	883.1	15.9	3.9	0.14	1.0 g/t Au
							Incl.	872.5	874.5	2.0	18	0.23	30 g.m. Au
								915.4	952	36.6	2	0.11	0.2 g/t Au
								967.3	996	28.7	0.59	0.11	0.2 g/t Au
							Incl.	967.3	978.9	11.6	1.3	0.23	1.0 g/t Au
HAD148W2M	MR-DD	464317	7598100	257	1049.3	222	-55	576	623.8	47.8	0.92	0.05	0.2 g/t Au
								680	681.1	1.1	29	3.6	30 g.m. Au
								800.2	853.3	53.1	0.36	0.09	0.2 g/t Au
								867	900	33	1.9	0.05	0.2 g/t Au
							Incl.	874.4	875	0.6	52	0.08	30 g.m. Au
								938.1	973.5	35.4	4.4	0.25	0.2 g/t Au
							Incl.	955.9	957.8	2	70	2.6	30 g.m. Au
								984.5	1005.9	21.4	0.14	0.02	0.2 g/t Au
HAD149W	MR-DD	464243	7598106	256	1282.7	209	-60	807.6	863.9	56.3	0.61	0.11	0.2 g/t Au
								881.3	913.8	32.5	0.25	0.03	0.2 g/t Au
								952.6	992.9	40.3	0.28	0.02	0.2 g/t Au
HAD149W1M	MR-DD	464243	7598106	256	1002.3	209	-60	572	653	81	0.42	0.04	0.2 g/t Au
								750.4	773	22.6	0.18	0.02	0.2 g/t Au
								819	861.2	42.2	0.27	0.04	0.2 g/t Au
								875.5	932	56.5	0.33	0.02	0.2 g/t Au
								950.5	952	1.5	36	0.11	30 g.m. Au
HAD149W2M	MR-DD	464245	7598108	256	1283.3	209	-60	510.5	545	34.5	0.18	0.23	0.2 g/t Au
								663.9	720	56.1	0.18	0.05	0.2 g/t Au
								841.3	908	66.7	0.42	0.07	0.2 g/t Au
								919.5	964.6	45.1	6.7	0.06	0.2 g/t Au
							Incl.	961.7	962.7	1.0	244	0.85	30 g.m. Au
HAD150W	MR-DD	464078	7598228	256	1128.7	172	-58	590.8	647.8	57	0.20	0.03	0.2 g/t Au
								663	756.7	93.7	0.25	0.10	0.2 g/t Au
								784.2	832.1	47.9	0.14	0.02	0.2 g/t Au
								885.1	972	86.9	0.41	0.05	0.2 g/t Au
								985.8	1015.6	29.8	1.9	0.22	0.2 g/t Au
							Incl.	988.8	989.1	0.3	175	0.07	30 g.m. Au
HAD150W1M	MR-DD	464078	7598228	256	1155	172	-58	658.8	699.4	40.6	0.19	0.14	0.2 g/t Au

Hole ID	Hole Type	Easting (m)	Northing (m)	RL (m)	Total Depth (m)	Azimuth (deg)	Dip (deg)	From (m)	To (m)	Interval (m)	Au (ppm)	Cu (pct)	Cut off
								710	737.9	27.9	0.24	0.37	0.2 g/t Au
								805.7	856.5	50.8	0.62	0.06	0.2 g/t Au
								909	1049	140	2.9	0.07	0.2 g/t Au
							Incl.	952.4	955.1	2.7	50	0.07	30 g.m. Au
							Incl.	966	979	13	5.1	0.09	1.0 g/t Au
							Incl.	974.7	975.1	0.4	74	0.22	30 g.m. Au
							Incl.	986	998.9	12.9	2.9	0.17	1.0 g/t Au
							Incl.	1023.6	1034.3	10.7	5.6	0.16	1.0 g/t Au
								1061	1093.1	32.1	1.1	0.26	0.2 g/t Au
HAD150W2M	MR-DD	464080	7598231	256	1230.1	172	-58	767.6	813.2	45.6	1.9	0.20	0.2 g/t Au
							Incl.	802	802.8	0.8	40	0.71	30 g.m. Au
								940.9	983	42.1	1.4	0.07	0.2 g/t Au
							Incl.	975.7	976.8	1.1	33	0.49	30 g.m. Au
								996.2	1110	113.8	3.4	0.10	0.2 g/t Au
							Incl.	1011.4	1023.3	11.9	5.7	0.11	1.0 g/t Au
							Incl.	1021	1022	1	37	0.14	30 g.m. Au
							incl.	1035.8	1050	14.2	20	0.14	1.0 g/t Au
							Incl.	1035.8	1043	7.2	36	0.14	30 g.m. Au
HAD151M	MR-DD	463591	7597377	263	794.3	48	-55	708.6	794.3	85.7	0.31	0.07	0.2 g/t Au
HAD151W1M	MR-DD	463591	7597377	263	808	48	-55	692.2	772	79.8	0.68	0.08	0.2 g/t Au
								705	719	14	2.3	0.08	1.0 g/t Au
NOR001	MR-DD	464122	7599991	264	1248.4	90	-70	No Significant Assays					
ZIP001	MR-DD	463055	7599813	258	900.8	45	-70	Assays Pending					
ZIP002	MR-DD	463606	7599618	264	883	45	-75	Assays Pending					

#drilling in progress. \*\*partial intercept, assays pending. ^updated intercept. ^^previously reported intercept.