

28 April 2022

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

Havieron Exploration and Development Update

*Growth drilling programme continues to expand the Havieron footprint
 with high grade mineralised extensions in all tested target zones*

*New high-grade mineralised intercept to the east of the Eastern Breccia Mineral Resource
 reinforces its potential to host Crescent style high grade mineralisation*

*High grade results in the Northern Breccia demonstrate the potential for
 further high-grade sulphide mineralisation outside the South East Crescent Zone*

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 announcements titled "Quarterly Exploration Report" and "Quarterly Report" by Newcrest Mining Ltd ("Newcrest") earlier today included results previously released in Greatland's announcement of 10 March 2022 along with the following new results.

Highlights

- **Seven drill rigs currently operational, all focused on growth targeting:**
 - **Eastern Breccia:** defining the mineralised footprint and extensions of the Eastern Breccia including definition of higher-grade zones identified in HAD104^{^^} and the new intersection in HAD145W1
 - **South East Crescent:** targeting extensions to the South East Crescent below the Updated Mineral Resource¹ in addition to lateral extensions adjacent to the existing high-grade Updated Mineral Resource
 - **Northern Breccia:** expansion of high-grade mineralised zones within the Northern Breccia
 - **North West Pod:** expansion of high-grade mineralised zones within the North West Pod
 - **New Targets:** drilling is continuing to target geophysical targets outside of the main Havieron system

New drilling results

- **Drilling into the Eastern Breccia returned an intercept approximately 100m to the north of previously reported high grade mineralisation (HAD104), and 100m east of the Eastern Breccia Resource outlined in the Updated Mineral Resource. This hole reinforces the potential for the north west trending Eastern Breccia corridor to host Crescent style high grade mineralisation:**
 - HAD145AW1 returned 150.1m @ 3.7g/t Au & 0.15% Cu or 3.95g/t AuEq² from 1,827.9m
 - Including 42.3m @ 8.6g/t Au & 0.4% Cu or 9.26g/t AuEq² from 1,854m
- **High grade results in the Northern Breccia reinforce the potential for further high-grade sulphide mineralisation outside the SE Crescent Zone:**
 - HAD085W6 intersected 52m @ 3.0g/t Au & 0.09% Cu or 3.14g/t AuEq² from 1,327m
 - Including 17.9m @ 7.7g/t Au & 0.07% Cu or 7.8g/t AuEq² from 1,361.1m within the footprint of the Updated Mineral Resource
- **Early Works advancing:** Construction activities by Newcrest are progressing including:
 - Exploration decline has advanced 313 metres as at 20 April 2022
 - Drilling of the blind bore ventilation shaft is now complete, and liners have been installed to design depth. This milestone successfully marks a significant reduction in risk to construction

Newcrest has advised the development of the exploration decline experienced poor ground conditions in the March 2022 quarter. Advance rates were significantly impacted by unfavourable geotechnical and hydrogeological conditions requiring extensive local and surface dewatering, pre-excavation ground treatment and substantial ground support installation. Changes in the design of the decline have brought forward the first downward spiral to the current chainage which will allow the decline to transition into better ground conditions sooner. As a result of this change, development rates are expected to improve in the June 2022 quarter. Newcrest advise that first ore is now expected in the second half of FY24.

Drilling of the blind bore ventilation shaft is now complete and liners have been installed to design depth. This milestone successfully marks a significant reduction in risk to construction. Newcrest is reviewing the overall project performance and schedule including any impact of inflationary pressures as part of the Feasibility Study.

- **Feasibility Study** work by Newcrest is progressing and key contracts have been awarded. The Feasibility Study is still forecasted to be delivered in the December 2022 quarter³.

Shaun Day, Managing Director of Greatland Gold plc, commented: *“The early results from the 2022 growth drilling programme are tremendous with high grade mineralised extensions identified across all tested target zones.*

Whilst growth drilling at the Eastern Breccia continues to define the mineralised footprint and extensions of the Breccia, a new high grade intercept has reinforced the potential for the Eastern Breccia corridor to host Crescent style high grade mineralisation. This demonstrates the ongoing potential for the expansion of the Havieron footprint below and adjacent to the existing mineralisation.

With ongoing drilling focusing on growth there is substantial potential to further demonstrate the depths and extents of the high-grade mineralisation, that remain open along strike and at depth at Havieron.”

¹ Refers to Greatland’s Updated Mineral Resource as announced on 3rd March 2022

² The gold equivalent (AuEq) is based on assumed prices of US\$1,450/oz Au and US\$3.23/lb Cu for Ore Reserve and assumed prices of US\$1,600/oz Au and US\$3.50/lb Cu for Mineral Resource and metallurgical recoveries based on block metal grade, reporting approximately at 88% for Au and 84% for Cu which in both cases equates to a formula of approximately $AuEq = Au (g/t) + 1.5 * Cu (\%)$. It is the company’s opinion that all the elements included in the metal equivalents calculation have a reasonable potential to be recovered and sold

³ Newcrest market update to Australian Stock Exchange on 12th October 2021

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

Eastern Breccia

- **HAD093A**
 - 76.7m @ 1.9g/t Au & 0.07% Cu from 1,306.1m
 - including 18.2m @ 3.7g/t Au & 0.17% Cu from 1,347.8m
- **HAD145AW1**
 - 59.2m @ 0.91g/t Au & 0.14% Cu from 1,633m
 - 32.9m @ 1.5g/t Au & 0.63% Cu from 1,730.4m
 - 150.1m @ 3.7g/t Au & 0.15% Cu from 1,827.9m
 - including 42.3m @ 8.6g/t Au & 0.4% Cu from 1,854m
- **HAD152**
 - 63m @ 0.98g/t Au & 0.13% Cu from 1,767m

South East Crescent

- **HAD133W6^**
 - 173.2m @ 1.9g/t Au & 0.18% Cu from 1,424.6m
 - including 43.1m @ 3.7g/t Au & 0.34% Cu from 1,425.9m

Northern Breccia

- **HAD085W6**
 - 64.4m @ 2.1g/t Au & 0.06% Cu from 1,174.3m
 - including 23.7m @ 5.3g/t Au & 0.1% Cu from 1,199.6m
 - 52m @ 3.0g/t Au & 0.09% Cu from 1,327m
 - including 17.9m @ 7.7g/t Au & 0.07% Cu from 1,361.1m
- **HAD093A**
 - 273.6m @ 1.1g/t Au & 0.14% Cu from 886.6m

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 Armitt/Jennifer Lee/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 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 237,444m of drilling from 285 drill holes to date (excluding holes in progress, abandoned holes, or drill holes which have not been sampled).

Drilling activities have produced a further 4,475m of drilling from 6 new holes since the last update ("Havieron Growth Drilling Update", RNS dated 10 March 2022). New assay results are reported from 6 holes, and additional results are reported for 1 hole for which partial results were reported last period (Figures 1 and 2). 6 holes returned significant assay intercepts in excess of 50 gram metres Au (Au ppm x length metres).

Growth drilling is focused on potential resource growth at the South East Crescent Zone, Northern Breccia, Eastern Breccia and regional exploration holes outside the main Havieron mineralised system. Assays reported include drilling from:

- South East Crescent Deeps – assay results reported for four drill holes, with two holes awaiting assays.
- Northern Breccia – assay results are reported for two drill holes testing the Northern Breccia.
- Eastern Breccia – assay results reported for three drill holes, with two holes awaiting assays.
- First pass drill testing of geophysical targets outboard of the Havieron system, two drill holes pending from step out drilling north and south of the Havieron system.

There are now seven rigs on site operating two shifts, and the number of drill holes completed is expected to increase in further updates. The JV is targeting a further 40,000m of growth drilling in the year to 30 June 2022 which has the potential to further expand the Havieron resource.

Refer to Appendix 2 for all reported results.

At the Eastern Breccia, assays for an additional three holes targeting strike extensions from previously reported drill holes have been received. As reported in the previous updates, HAD104^{^^} returned 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, approximately 200m to the southwest of previous drilling. New results from HAD145W1 testing approximately 100m to the north of HAD104 and 100m to the east of the Updated Mineral Resource for the Eastern Breccia has returned 150.1m @ 3.7g/t Au & 0.15% Cu from 1,827.9m, including 42.3m @ 8.6g/t Au & 0.4% Cu from 1,854m.

HAD104^{^^} and HAD145W1 represent the most significant intercepts in the Eastern Breccia zone to date and confirm the potential for this separate northwest trending corridor to host Crescent style high grade mineralisation. Drilling is now focused on defining the extents of this higher-grade mineralisation which remains open to the south east, and vertically above and below the two high grade drill holes.

Results include:

- **HAD093A**
 - 76.7m @ 1.9g/t Au & 0.07% Cu from 1,306.1m
 - including 18.2m @ 3.7g/t Au & 0.17% Cu from 1,347.8m
- **HAD145AW1**
 - 59.2m @ 0.91g/t Au & 0.14% Cu from 1,633m
 - 32.9m @ 1.5g/t Au & 0.63% Cu from 1,730.4m
 - 150.1m @ 3.7g/t Au & 0.15% Cu from 1,827.9m
 - including 42.3m @ 8.6g/t Au & 0.4% Cu from 1,854m
- **HAD152**
 - 63m @ 0.98g/t Au & 0.13% Cu from 1,767m

South East Crescent Deeps growth drilling continued during the reporting period targeting higher grade mineralisation at depth below the Updated Mineral Resource. Results were received from three drill holes, and updated results from one drill hole HAD133W6^, which is now reported in full. Results from HAD133W7 and HAD133W8 are approximately 50m below the Updated Mineral Resource and outside of what is interpreted to be the thicker steeply southeast plunging core of the high grade Crescent Zone. The best mineralisation to date is developed next to the dolerite dyke in HAD133W6^ (173.2m @ 1.9g/t Au & 0.18 % Cu from 1,424.6 m, including 43.1m @ 3.7g/t Au & 0.34% Cu from 1,425.9m) which remains the deepest high-grade SE Crescent mineralised intercept to date, at the base of the updated Mineral Resource. Further drilling is planned to test potential for high-grade resource extensions.

Results include:

- **HAD085W7**
 - 35.7m @ 2.3g/t Au & 0.04% Cu from 1,534m
- **HAD133W6^**
 - 173.2m @ 1.9g/t Au & 0.18% Cu from 1,424.6m
 - including 43.1m @ 3.7g/t Au & 0.34% Cu from 1,425.9m
- **HAD133W8**
 - 41.6m @ 0.82g/t Au & 0.07% Cu from 1,471.9m
 - including 13m @ 1.4g/t Au & 0.14% Cu from 1,474m

Northern Breccia infill drilling has targeted known high-grade mineralisation within the core of the Northern Breccia. Drilling has intercept both higher grade Crescent style mineralisation (HAD085W6) along with broad zones of lower grade Northern Breccia mineralisation (HAD093A).

Results include:

- **HAD085W6**
 - 64.4m @ 2.1g/t Au & 0.06% Cu from 1,174.3m
 - including 23.7m @ 5.3g/t Au & 0.1% Cu from 1,199.6m
 - 52m @ 3.0g/t Au & 0.09% Cu from 1,327m
 - including 17.9m @ 7.7g/t Au & 0.07% Cu from 1,361.1m
- **HAD093A**
 - 273.6m @ 1.1g/t Au & 0.14% Cu from 886.6m

Drilling to test geophysical targets outside of the known Havieron system, including evaluating the Havieron dolerite at multiple intervals north and south of the Havieron mineralised pipe has been undertaken. HAD154 and HAD155 tested the Havieron dolerite 400m north and south of Havieron respectively, with results pending.

The JV is targeting a further 40,000m of growth drilling in the year to 30 June 2022 which has the potential to further expand the Havieron resource. 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 Updated Mineral Resource;
- Potential for additional material in the Eastern Breccia, including higher grade “Crescent” like material, currently open along strike and at depth; and
- Expansion of multiple higher-grade zones including Northern Breccia and North West Pod;
- Additionally, drilling is continuing to target geophysical targets outside of the main Havieron system.

Refer to Appendix 1 for additional information and Appendix 2 for all drillhole results reported during the period.

Development Update

Newcrest has advised the development of the exploration decline experienced poor ground conditions in the March 2022 quarter. Advance rates were significantly impacted by unfavourable geotechnical and hydrogeological conditions requiring extensive local and surface dewatering, pre-excavation ground treatment and substantial ground support installation. Changes in the design of the decline have brought forward the first downward spiral to the current chainage which will allow the decline to transition into better ground conditions sooner. As a result of this change, development rates are expected to improve in the June 2022 quarter. Newcrest advise that first ore is now expected in the second half of FY24.

Work is ongoing to understand the impact on the overall project schedule, as well as assessing options to recover some of these delays and minimise the associated cost increases.

Newcrest is reviewing the overall project performance and schedule including any impact of inflationary pressures as part of the Feasibility Study.

Drilling of the blind bore ventilation shaft is now complete and liners have been installed to design depth. This milestone successfully marks a significant reduction in risk to construction.

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. Newcrest is entitled (subject to the terms of the Joint Venture Agreement) to a joint venture interest of 70% (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%). Greatland and Newcrest continued to progress the process to determine the option price for the 5% interest in accordance with the Joint Venture Agreement during the period.

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

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 current growth targets, SE Crescent, Northern Breccia, NW Pod and Eastern Breccia targets in relation to the existing mineralised extents. Also highlighted are selected previously reported growth drilling results (^) and selected new growth drilling results.

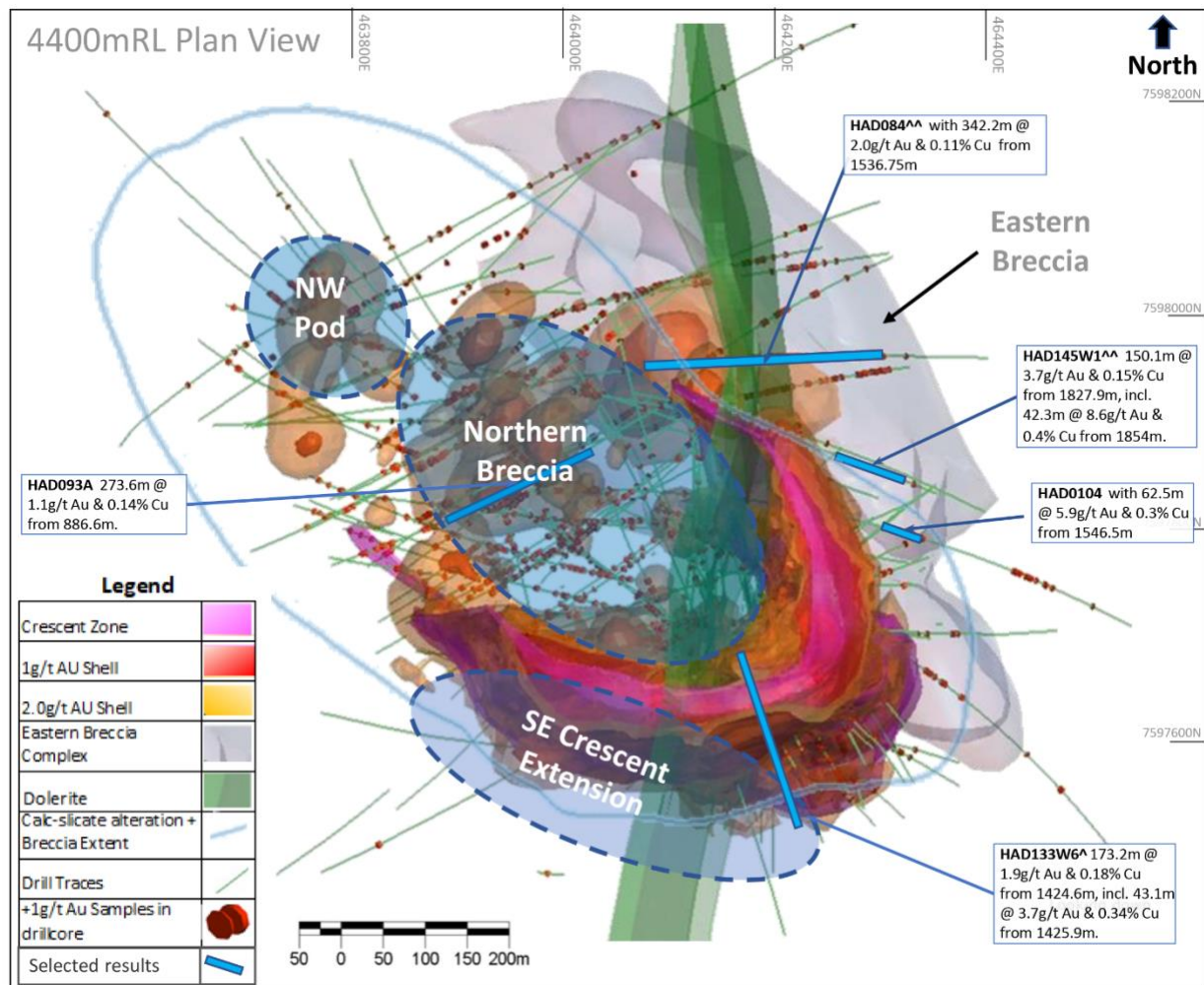


Figure 2. Schematic plan view map showing drill hole locations and significant intercepts reported in this release superimposed on the interpreted geology. Previously reported holes are not shown for the sake of clarity. Note some holes and results appear on multiple sections due to the sections orientation and sections overlap.

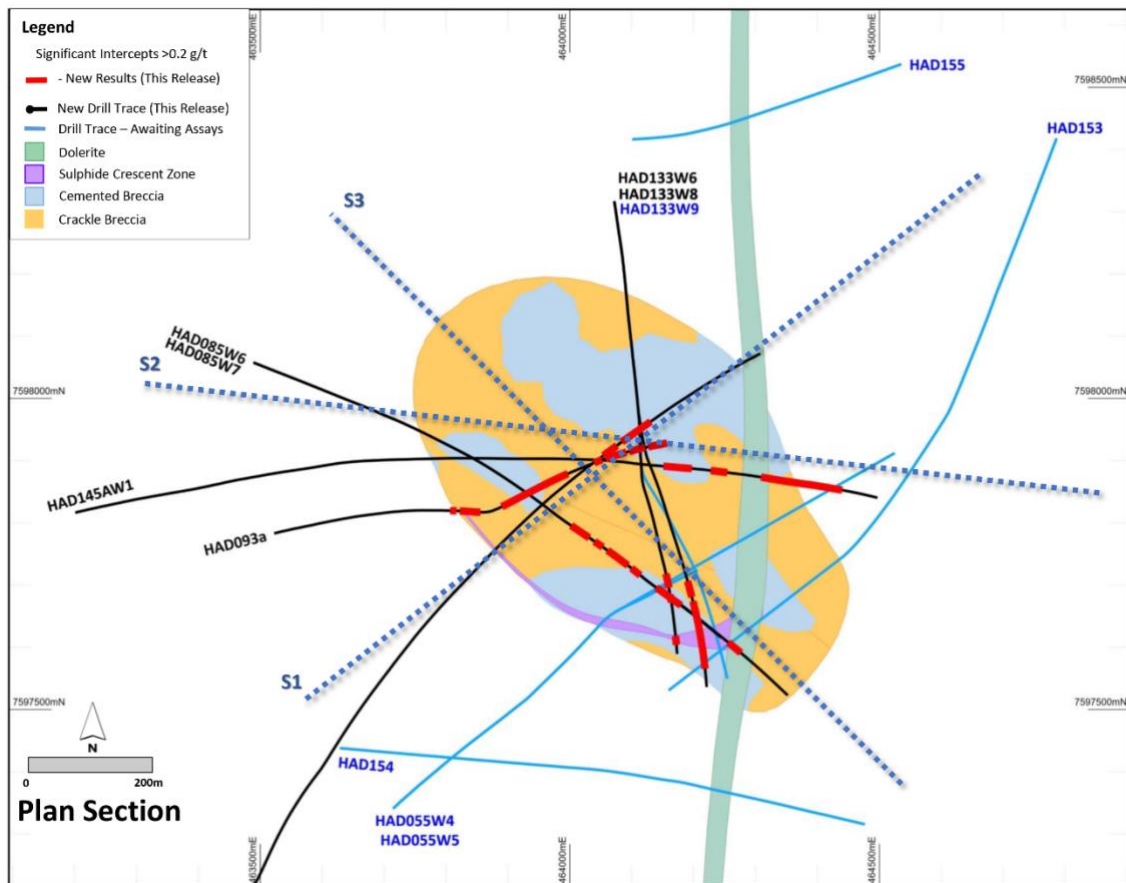


Figure 3. Plan view schematic of a horizontal slice at 3850mRL through the Crescent Sulphide Zone and Breccia-hosted Zones, showing the extents of the 0.5 and 1.0 g/t Au Leapfrog™ grade shells with highlighted newly reported intercepts for this period. This diagram highlights >50gram metres intersections drilled during the period, refer to inset diagram for relationship to all Havieron drilling

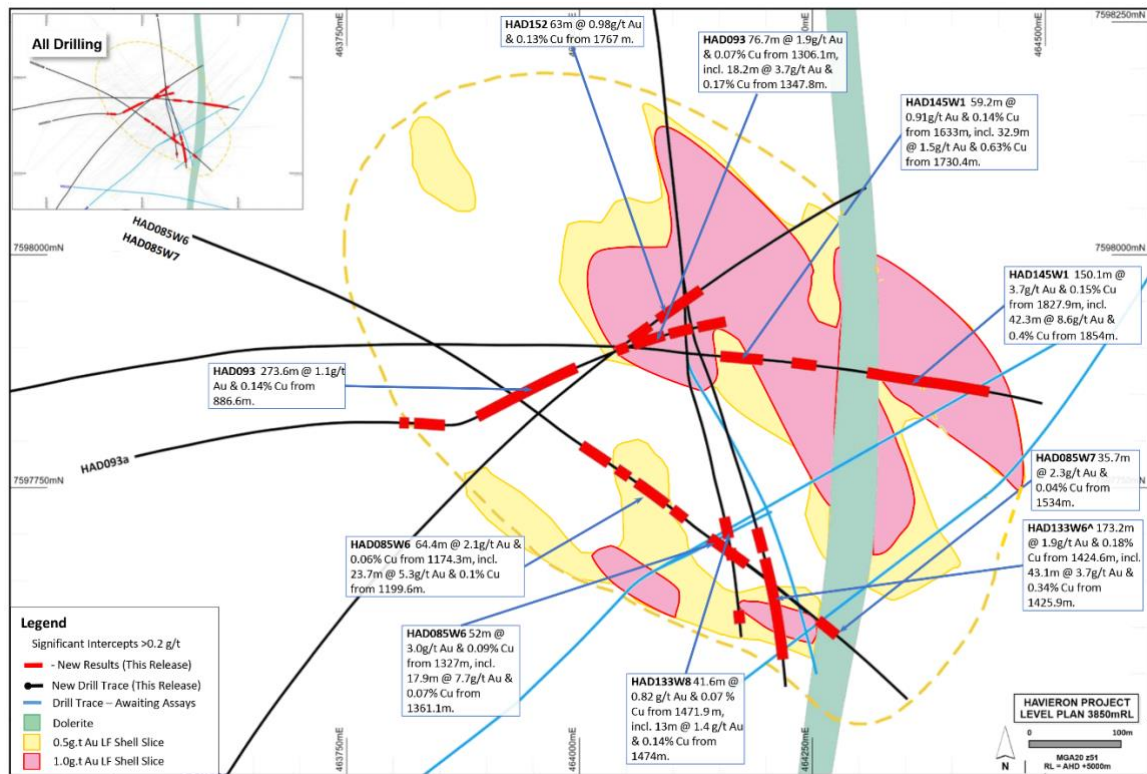


Figure 4. Schematic cross section of geology and significant new drillhole intercepts (looking northwest, Section Line S1, +/-100m section width, as shown in Figure 2). Due to section window size and orientation holes may appear on multiple sections. This diagram highlights >50gram metres intersections drilled during the period.

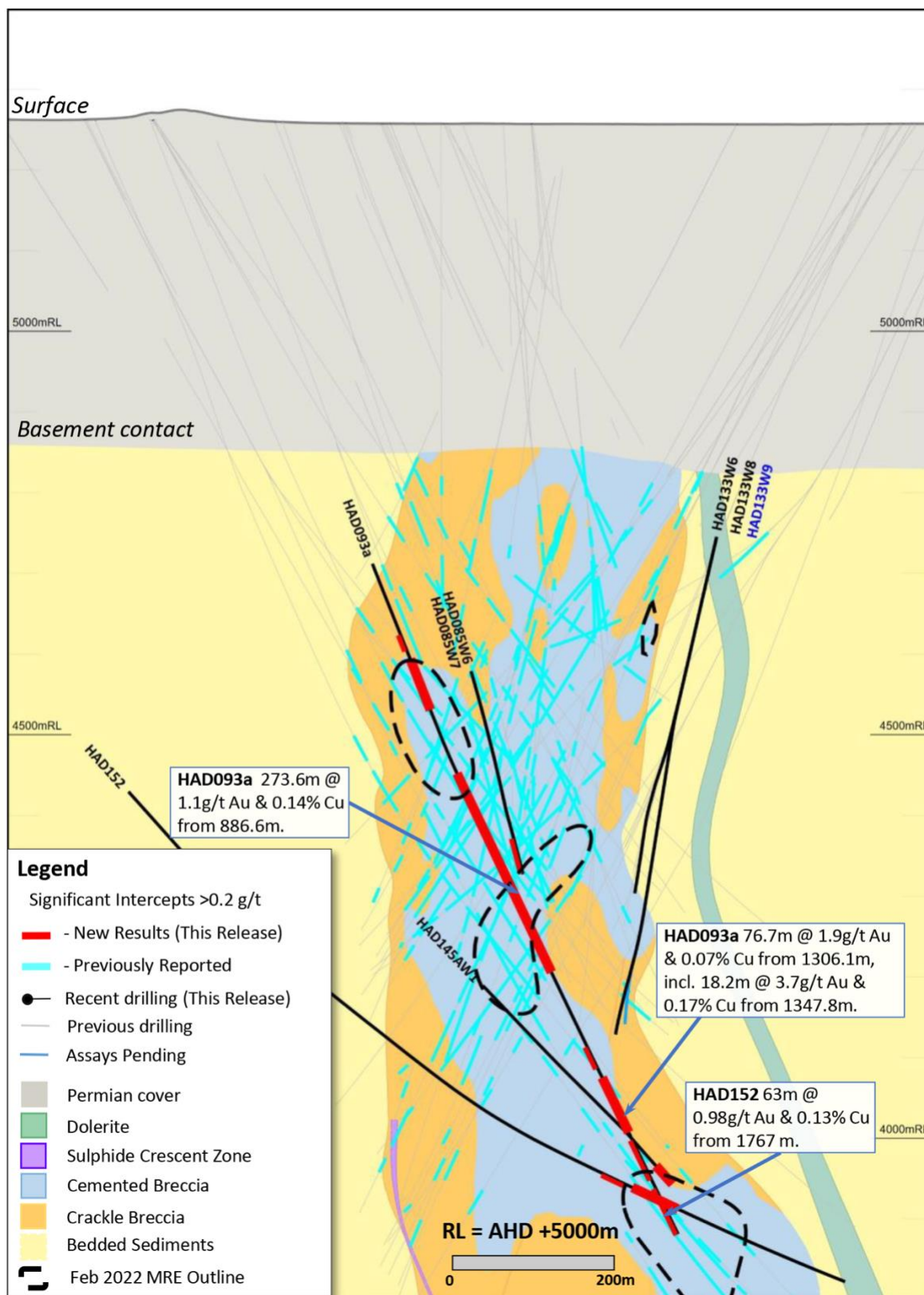
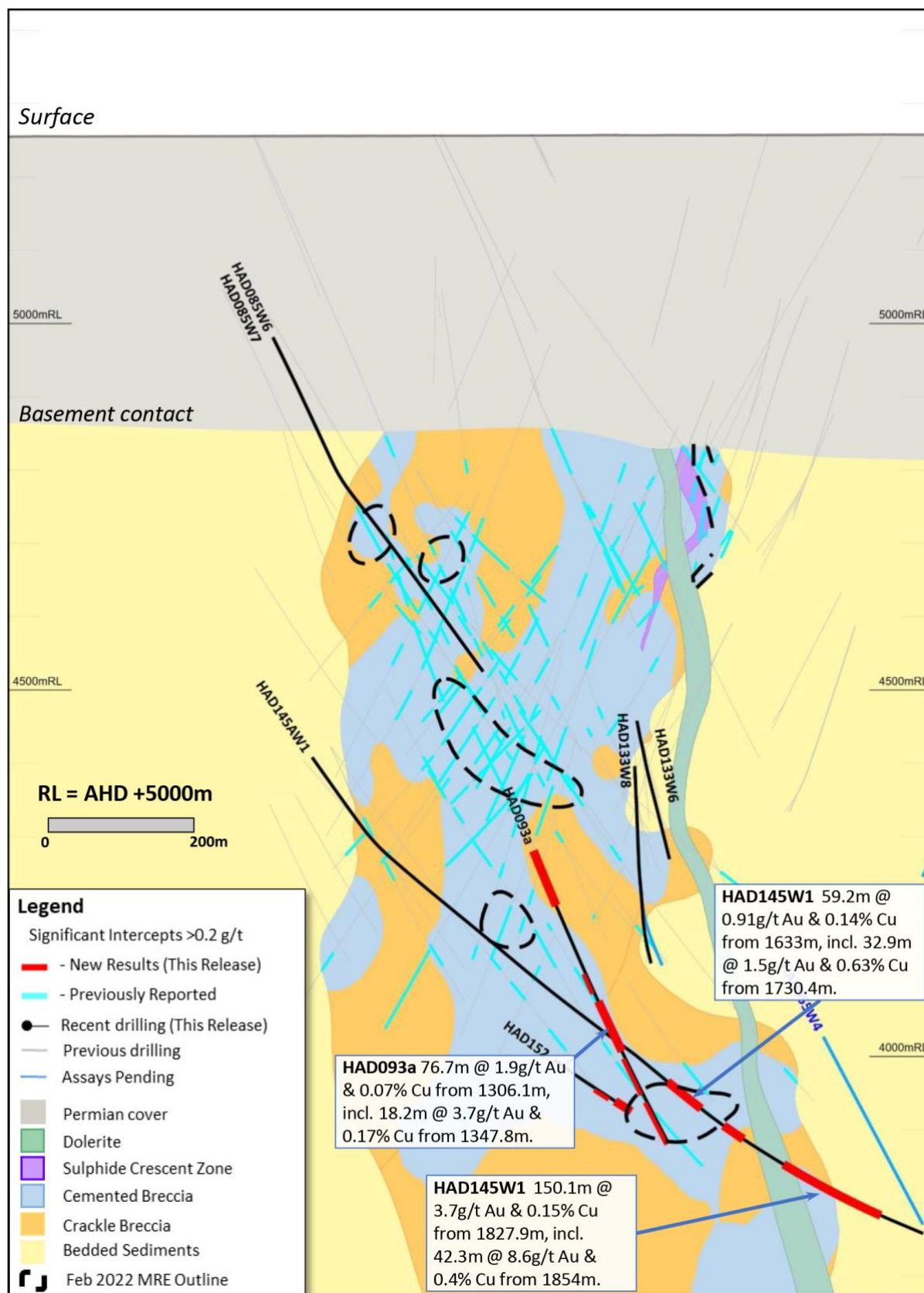


Figure 5. Schematic cross section of geology and significant new drillhole intercepts (looking northeast, Section Line S2, +/-50m section width, as shown in Figure 2. Due to section window size and orientation holes may appear on multiple sections. This diagram highlights >50gram metres intersections drilled during the period.



Surface

Basement contact

Legend

- Significant Intercepts >0.2 g/t
- New Results (This Release)
- Previously Reported
- Recent drilling (This Release)
- Previous drilling
- Assays Pending
- Permian cover
- Dolerite
- Sulphide Crescent Zone
- Cemented Breccia
- Crackle Breccia
- Bedded Sediments

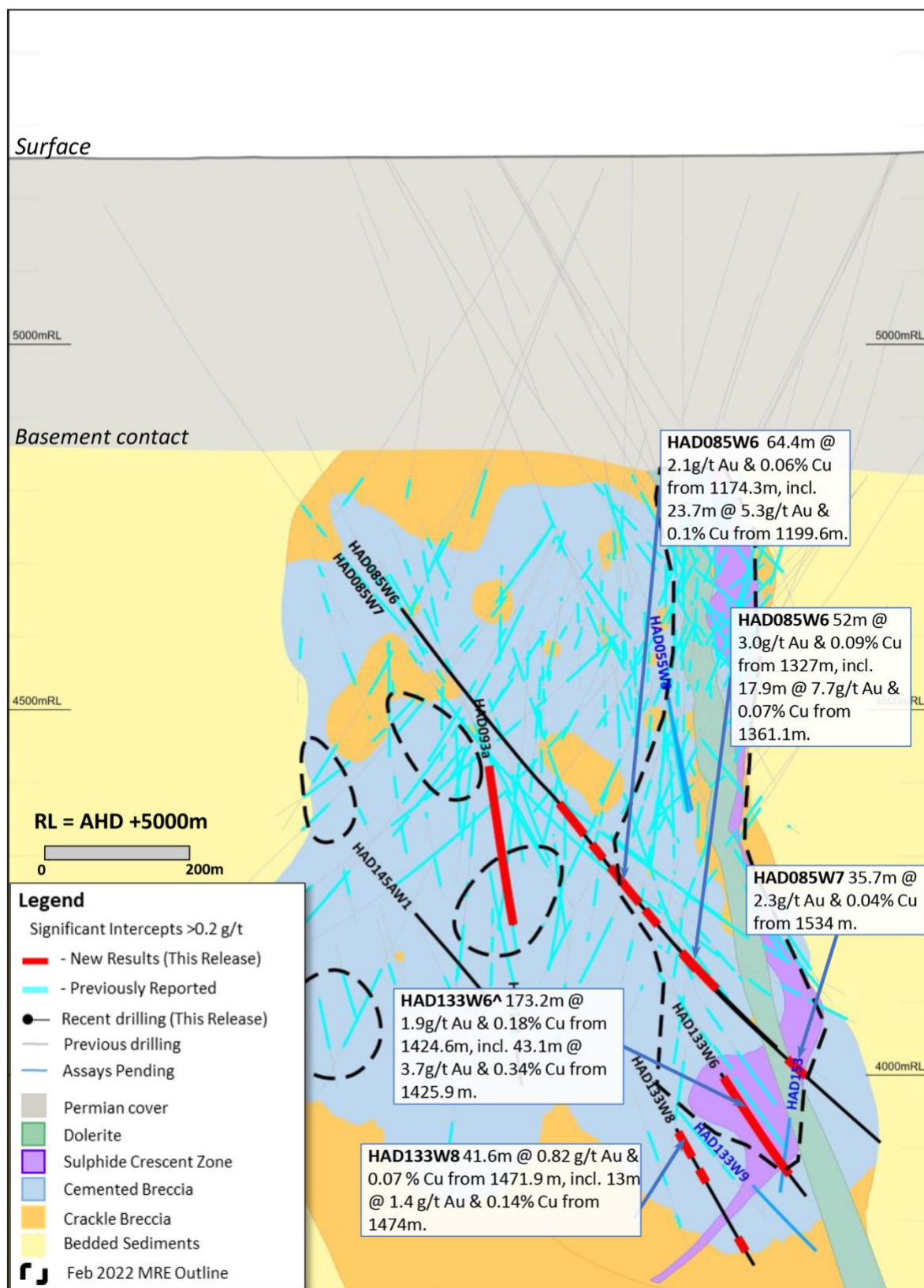
Assay Results:

- HAD085W6** 64.4m @ 2.1g/t Au & 0.06% Cu from 1174.3m, incl. 23.7m @ 5.3g/t Au & 0.1% Cu from 1199.6m.
- HAD085W6** 52m @ 3.0g/t Au & 0.09% Cu from 1327m, incl. 17.9m @ 7.7g/t Au & 0.07% Cu from 1361.1m.
- HAD085W7** 35.7m @ 2.3g/t Au & 0.04% Cu from 1534 m.
- HAD133W6^** 173.2m @ 1.9g/t Au & 0.18% Cu from 1424.6m, incl. 43.1m @ 3.7g/t Au & 0.34% Cu from 1425.9m.
- HAD133W8** 41.6m @ 0.82 g/t Au & 0.07% Cu from 1471.9 m, incl. 13m @ 1.4 g/t Au & 0.14% Cu from 1474m.

Scale: 0 to 200m

Elevation: RL = AHD +5000m

Feb 2022 MRE Outline



Competent Person:

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

“Quarterly Exploration Report”, dated 28 April 2022 (Newcrest)
“Havieron Growth Drilling Update”, dated 10 March 2022 (Greatland)
“Havieron Resource and Reserves Update”, dated 3 March 2022 (Greatland)
“Havieron Exploration Update”, dated 28 January 2022 (Greatland)
“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 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 a financial interest in Greatland Gold plc. 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

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 – Newcrest Joint Venture): JORC Table 1

Section 1 Sampling Techniques and Data

Criteria	Commentary
Sampling techniques	<p>Samples are obtained from diamond core drilling in Proterozoic basement lithologies.</p> <p>Core is cut along the orientation line and one half consistently sampled.</p> <p>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 – 2.0m. Sample weights were typically between 0.7 and 5.6 kg. Cover sequences were not sampled.</p>
Drilling techniques	<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 double tube coring configuration with minor HQ and PQ triple tube configuration. Navi drilling was undertaken to start wedged holes from parent holes.</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>
Drill sample recovery	<p>Core recovery is systematically recorded from the commencement of coring to end of hole, by reconciling recovered core measurements against driller's depth blocks in each core tray, as recorded in the database. Driller's depth blocks provided the depth, interval of core recovered, and interval of core drilled. Core recoveries below the cover sequence were typically 100%, with isolated zones of lower recovery. Cover sequence drilling by the mud-rotary drilling did not yield recoverable samples.</p> <p>Those sections of wedge holes that were Navi drilled did not produce recoverable sample material and have not been sampled.</p> <p>No specific measures have been taken to maximise recovery, other than employing professional and well respected drillers;</p> <p>There is no discernible relationship between sample recovery and the grade of any important variable.</p>
Logging	<p>Geological logging recorded qualitative descriptions of lithology, alteration, mineralisation, veining, and structure (for all core drilled – 4,475 m for 6 drill holes, all intersecting mineralisation), including orientation of key geological features.</p> <p>Geotechnical measurements including Rock Quality Designation (RQD) fracture frequency, solid core recovery and qualitative rock strength measurements were recorded by Geologists or Geotechnical Engineers.</p> <p>All geological and geotechnical logging was conducted at the Havieron site.</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>Digital data logging was captured on diamond drill core intervals only, and all data validated and stored in a Datashed database.</p> <p>All drill cores were photographed (wet and dry), prior to cutting and/or sampling the core.</p> <p>The logging is of sufficient quality to support Mineral Resource estimates, mining studies and metallurgical studies</p> <p>100 percent of recovered core in the basement rocks has been logged.</p>
Sub-sampling techniques and sample preparation	<p>Core was cut and sampled at the Havieron core processing facilities. Half core samples were collected in pre-numbered calico bags and grouped into bulk bags for dispatch to the laboratory. Sample weights typically varied from 0.7 to 5.6kg. Sample sizes are considered appropriate for the style of mineralisation. Sample lengths typically ranged from 0.2 to 2m with most samples being 1m in length. Drill core samples were freighted by air and road to the laboratory.</p> <p>Navi drill holes did not produce recoverable material and have not been sampled.</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 then 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>

Criteria	Commentary
	<p>Coarse Crush and Pulp 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 Datashed database. Field Duplicate samples are not (routinely) taken.</p> <p>Sampling and sample preparation sizes and quality control protocols are considered appropriate to the grain size of the material being sampled.</p>
Quality of assay data and laboratory tests	<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). Assays of quality control samples were compared with reference samples in the Datashed database and verified as acceptable prior to use of data from analysed batches. Batches failing QA/QC tests were re-submitted for assay.</p> <p>Laboratory quality control data, including laboratory standards, blanks, duplicates, repeats and grind size results are captured in the Datashed database and assessed for accuracy and precision for recent data.</p> <p>Extended quality control programs including pulp samples submitted to an umpire laboratory.</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 Results and Mineral Resources.</p>
Verification of sampling and assaying	<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.</p> <p>No twinned holes have been drilled, however there are many 'wedge/daughter' holes that provide close-spaced intersections in adjacent holes.</p> <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. 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 Datashed database.</p> <p>No adjustments are made to any assay data.</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>
Location of data points	<p>Drill hole 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.</p> <p>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>All collar coordinates are provided in the Geocentric Datum of Australian (GDA20 Zone 51). All relative depth information is reported in AHD +5000m.</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. Easting and Northing coordinates are provided in the Geocentric Datum of Australian (GDA20 Zone 51) and all vertical level information is reported in AHD +5000m.</p>
Data spacing and distribution	<p>Within the South East Crescent Zone and Breccia Zone and Eastern Breccia drill hole spacing ranges from 50 by 100m, to 50 by 50m within the current resource extents. Outside the resource boundary drill hole spacing ranges from 50 to 200m in lateral extent within the Breccia Zone over an area of ~2km².</p> <p>Isolated holes test targets away from the Havieron pipe.</p>

Criteria	Commentary
	<p>The data spacing is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied.</p> <p>Samples have not been composited.</p>
Orientation of data in relation to geological structure	<p>Drill holes targeting the Crescent Zone are oriented to intersect the steeply dipping high-grade sulphide mineralisation zones at an angle of greater than 40 degrees. As such, the drilled length of reported intersections is typically greater than true width of mineralisation in this Zone. Most of these holes also intersect the adjacent Breccia Zones.</p> <p>Drill holes targeting the Breccia Zones are oriented to intersect at angles either broadly perpendicular to the adjacent Crescent Sulphide Zones, or if drilling away from the South East Crescent Zone area, at intersections broadly perpendicular to the elongation of the ovoid breccia body. Given the lower level of understanding of the breccia geometries it is not possible to quantify the relationship between drilled and true length of reported intersections in these Zones.</p> <p>The attitudes of the South East Crescent Zone and Main (Northern) Breccia Zone and the variety in drilling orientations through such suggest no sample orientation related biases affect these zones.</p> <p>The Eastern Breccia, which is interpreted to strike north-westerly and dip steeply, is intersected almost exclusively with moderate-steep west-to-east drilling.</p>
Sample security	<p>The security of samples is controlled by tracking samples from drill rig to database.</p> <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 initially completed by Newcrest personnel at the Telfer facility but later done at the Havieron facility once it was operational.</p> <p>Samples were freighted in sealed bags by air and road to the Laboratory, within 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 advice 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>
Audits or reviews	<p>Internal reviews by Newcrest (JV Manager) of the core handling, sample preparation and assays laboratories are conducted on a regular basis by both project personnel and owner representatives and have not identified any material issues affecting the reliability of the sampling techniques and data.</p> <p>In the Competent Person's opinion, the sample preparation, security and analytical procedures are consistent with current industry standards and are 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. No drilling, sampling or recovery factors that materially impact the reliability of the results of the drilling programme have been identified.</p>

Section 2 Reporting of Exploration Results

Criteria	Commentary
Mineral tenement and land tenure status	<p>The Havieron Project is located within mining tenement M45/1287 and is jointly owned by Greatland Pty Ltd and Newcrest Operations Limited ("Newcrest"). 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 entitled (subject to the terms of the Joint Venture Agreement) to a joint venture interest of 70% (Greatland 30%). Newcrest also has an option to acquire a further 5% joint venture interest at fair market value under the principles outlined in the Joint Venture Agreement.</p> <p>Newcrest and the WDLAC are parties to an 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) at Havieron.</p> <p>The mining tenement M45/1287 was granted on 10 September 2020.</p>
Exploration done by other parties	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 programs conducted by Greatland have previously been reported on the Greatland website.
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-chalcocopyrite 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 a 650m by 350m ovoid area, and to depths of up to 1500m below surface.</p>
Drill hole Information	As provided in Appendix II. Refer to previous exploration releases for drillhole information of the previously reported intercepts highlighted in this report.
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.. Refer to previous exploration releases for drillhole information of the previously reported intercepts highlighted in this report and used in the Mineral Resource Estimate.
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 5 as provided.
Balanced reporting	<p>This is the twenty second release of Exploration Results for this project made by Newcrest and/ or 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, 28 January 2022 and 10 March 2022.</p> <p>Previous exploration programs conducted by Newcrest and Greatland have been reported. Exploration drilling programs are ongoing and further material results will be reported in subsequent releases.</p>
Other substantive exploration data	Nil
Further work	Growth drilling is underway to extend the limits of the mineralised system at depth and looking to establish additional resources outside those defined to date, including extension and infill of the Eastern Breccia and drilling outside the Havieron mineralised system as defined to date.

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
HAD055W4	MR-DD	463715	7597341	263	1033	47	-56	Assays Pending					
HAD055W5	MR-DD	463715	7597341	263	1144.5	47	-56	Assays Pending					
HAD085W6	MR-DD	463489	7598058	255	1513.3	111	-63	1062	1117.6	55.6	0.82	0.04	0.2 g/t Au
								1134.1	1159.7	25.7	0.39	0.04	0.2 g/t Au
								1174.3	1238.8	64.4	2.1	0.06	0.2 g/t Au
							Incl.	1199.6	1223.4	23.7	5.3	0.1	1.0 g/t Au
							Incl.	1208.9	1209.2	0.3	121	0.06	30 g.m. Au
								1249.9	1278	28.1	0.51	0.09	0.2 g/t Au
								1327	1379	52	3	0.09	0.2 g/t Au
							Incl.	1361.1	1379	17.9	7.7	0.07	1.0 g/t Au
							Incl.	1376.3	1376.8	0.5	70	0.03	30 g.m. Au
HAD085W7	MR-DD	463489	7598058	255	1706.1	111	-63	1329.7	1359	29.3	0.53	0.09	0.2 g/t Au
								1534	1569.7	35.7	2.3	0.04	0.2 g/t Au
							Incl.	1551	1568	17	2.5	0.07	1.0 g/t Au
HAD093A	MR-DD	463522	7597783	256	1525.8	77	-66	694.3	717	22.7	0.39	0.03	0.2 g/t Au
								728.6	800	71.5	1.1	0.1	0.2 g/t Au
							Incl.	765.2	766.1	0.8	60	0.37	30 g.m. Au
								886.6	1160.2	273.6	1.1	0.14	0.2 g/t Au
							Incl.	993.4	1009	15.7	3	0.51	1.0 g/t Au
							Incl.	1074	1087.8	13.8	2	0.32	1.0 g/t Au
							Incl.	1133.6	1157.1	23.5	2	0.3	1.0 g/t Au
								1263	1293.5	30.5	1.2	0.13	0.2 g/t Au
								1306.1	1382.8	76.7	1.9	0.07	0.2 g/t Au
							Incl.	1307.2	1307.6	0.4	101	0.13	30 g.m. Au
							Incl.	1347.8	1366	18.2	3.7	0.17	1.0 g/t Au
							Incl.	1364.7	1365.4	0.7	56	0.25	30 g.m. Au
								1392.9	1449	56.1	0.22	0.09	0.2 g/t Au
								1460.5	1525.8	65.3	0.44	0.1	0.2 g/t Au
HAD104^^	MR-DD	463522	7597782	257	1913.6	87	-63	642.9	677.6	34.8	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

								1546.5	1609	62.5	5.9	0.3	0.2 g/t Au
							Incl.	1554.6	1604	49.4	7.1	0.38	1.0 g/t Au
								1717	1802	85	1.2	0.37	0.2 g/t Au
							Incl.	1735.6	1746.5	10.9	3	0.38	1.0 g/t 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	1597.8	173.2	1.9	0.18	0.2 g/t Au
							Incl.	1425.9	1469	43.1	3.7	0.34	1.0 g/t Au
							Incl.	1531.8	1550	18.2	2.6	0.31	1.0 g/t Au
							Incl.	1555.5	1567	11.5	5.4	0.04	1.0 g/t Au
HAD133W8	MR-DD	464072	7598317	257	1696	171	-65	1471.9	1513.5	41.6	0.82	0.07	0.2 g/t Au
							Incl.	1474	1487	13	1.4	0.14	1.0 g/t Au
								1533	1555	22	0.24	0.01	0.2 g/t Au
								1648	1672	24	0.39	0.02	0.2 g/t Au
HAD133W9	MR-DD	464072	7598317	257	1720.1	171	-65	Assays Pending					
HAD145AW1	MR-DD	463201	7597817	256	2041.3	75	-65	1633	1692.2	59.2	0.91	0.14	0.2 g/t Au
	MR-DD						Incl.	1639.9	1651.6	11.7	3.5	0.53	1.0 g/t Au
	MR-DD							1730.4	1763.3	32.9	1.5	0.63	0.2 g/t Au
	MR-DD						Incl.	1730.4	1761	30.6	1.6	0.68	1.0 g/t Au
	MR-DD							1827.9	1978	150.1	3.7	0.15	0.2 g/t Au
	MR-DD						Incl.	1854	1896.3	42.3	8.6	0.4	1.0 g/t Au
	MR-DD						Incl.	1855	1857	2	17	0	30 g.m. Au
	MR-DD						Incl.	1859.1	1861	1.9	21	0.39	30 g.m. Au
	MR-DD						Incl.	1880.3	1882	1.7	23	0.44	30 g.m. Au
	MR-DD						Incl.	1886	1887.1	1.1	37	0.47	30 g.m. Au
	MR-DD						Incl.	1907	1925	18	2.5	0.08	1.0 g/t Au
	MR-DD						Incl.	1930.9	1954	23.2	3.1	0.01	1.0 g/t Au
HAD152	MR-DD	463402	7597058	254	2056.9	29	-62	1558.1	1558.4	0.4	112	0	30 g.m. Au
	MR-DD							1726	1756	30	0.54	0.17	0.2 g/t Au
	MR-DD							1767	1830	63	0.98	0.13	0.2 g/t Au
	MR-DD						Incl.	1771	1783.2	12.2	1.6	0.22	1.0 g/t Au
HAD153		464786	7598418	269	726	201	-60	Assays Pending					
HAD154		463629	7597438	261	1242.5	95	-55	Assays Pending					
HAD155		464535	7598537	257	837.4	250	-60	Assays Pending					

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