

Newcrest Mining Limited - Quarterly Exploration Report - 31 March 2023

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Exploration portfolio continues to deliver on growth strategy

Melbourne, April 26, 2023 - Newcrest (ASX: NCM) (TSX: NCM) (PNGX: NCM) continues to deliver on its global exploration growth strategy to identify Tier 1 mineral deposits which have the potential to provide long term operations in emerging copper-gold provinces.

At Red Chris, the application of our mining capabilities and a willingness to explore deeper have unlocked a significant mineral endowment and opportunity in an emerging world-class copper-gold province. In March 2023, Newcrest significantly enhanced the Exploration Target for East Ridge, confirming the substantial discovery near existing infrastructure and indicating potential to support additional block caves.

- The Exploration Target defined for East Ridge (previously released) has been enhanced to between approximately 400Mt @ 0.42g/t Au & 0.49% Cu for 5.4Moz Au & 1.9Mt Cu and approximately 500Mt @ 0.39g/t Au & 0.47% Cu for 6.1Moz Au & 2.3Mt Cu. This is a significant enhancement compared to the East Ridge Exploration Target as at 30 June 2022¹. The Exploration Target is exclusive of the current published Mineral Resource and relates to the portion of the deposit that has not yet been adequately drill tested. The potential quantity and grade of the Exploration Target is conceptual in nature. There has been insufficient exploration to estimate a Mineral Resource and it is uncertain if further exploration will result in the estimation of a Mineral Resource.
- Ongoing drilling east of the East Ridge Exploration Target returned a significant higher grade intercept with RC860 returning 66m @ 0.53g/t Au & 0.46% Cu from 1,332m including 32m @ 0.85g/t Au & 0.63% Cu from 1,342m, including 16m @ 1.1g/t Au & 0.74% Cu from 1,352m. This intersection demonstrates the potential to define further higher grade discoveries within the Red Chris porphyry corridor.
- Target generation applying the knowledge gained from the Red Chris discoveries has identified an initial portfolio of seven high priority porphyry copper-gold targets across the 750km² of claims which demonstrates the prospectivity of this region. A program of geological mapping, geochemical sampling and drilling is planned to commence in the September 2023 quarter.

At Brucejack, recent exploration (Pretium and Newcrest) has successfully expanded the footprint of the Valley of the Kings (VOK) deposit with the discovery of the North Block (pre-Newcrest) and 1080 HBx zones. These zones demonstrate the potential for new mining fronts within the footprint of the existing infrastructure. The VOK deposit continues to remain open in all directions and exploration drilling continues to test for new mineralised corridors. In addition, the upcoming VOK Deep drill program is planned to test potential extensions of the deposit to depth.

- In the 1080 HBx Zone drilling continues to expand the footprint of the mineralisation (140m x 300m x 250m) and remains open outside the current Pretium published Mineral Resource, demonstrating the potential for resource growth at the VOK deposit. Results from this quarter include, VU-4749 returning 18m @ 306g/t Au from 261m, including 1m @ 5,370g/t Au from 266m.
- With our increased understanding of the Brucejack mineralised system, target generation applying the knowledge gained from North Block and the 1080 HBx Zone has identified several new opportunities within the 4km epithermal gold corridor from VOK to Golden Marmot. A surface drilling program is planned to assess these targets and de-risk future underground exploration development.

In Nevada, at the Spring Peak low sulfidation epithermal project, new drill results from the Disco zone have extended the continuity of the higher-grade veins and mineralised envelope up dip from the previously announced SP22-13² (34.72m @ 2.7g/t Au from 256.12m, including, 2.01m @ 10g/t Au from 262.46m, 2.38m @ 16g/t Au from 275.26m, including 0.34m @ 70g/t Au from 275.96m). New results include:

- SP22-11 returned 40.63m @ 1.9g/t Au from 185.38m including 0.79m @ 7.4g/t Au from 197.39m and 0.58m @ 44g/t Au from 208.33m and SP22-12 returned 42.61m @ 0.94g/t Au from 205.59m including 0.33m @ 24g/t Au 211.96m and 1.65m @ 4.3g/t Au from 235.18m.
- RC pre-collar (SP22-10 RC) drilled 150m to the north-east of the existing Disco zone section returned 36.58m @ 0.53g/t Au from 161.54m, extending the strike continuity of the Disco structure. A diamond tail of this pre-collar will occur in the 2023 program.

In addition, further drilling has been successful in identifying a new high grade drill target at Opal Ridge.

- RC hole SP22-14 returned 10.67m @ 2.7g/t Au from 169.16m including 1.52m @ 16g/t Au from 170.69m.

Learnings from the successful extension of the Disco Zone and discovery of the Opal Ridge Zone will be applied to all of the Headwater Gold Joint Venture projects and planning is currently underway for the 2023 exploration program.

At Havieron, results from growth drilling in the prior period continue to demonstrate the potential for incremental resource additions around the Eastern Breccia, Northern Breccia and other higher grade mineralised pods.

Newcrest Interim Chief Executive Officer, Sherry Duhe, said, "We continue to unlock significant value for Newcrest across our global exploration portfolio consistent with our growth strategy. East Ridge represents a very exciting opportunity for Newcrest and we were pleased to enhance the Exploration Target in March 2023, providing additional future mining optionality at Red Chris. This asset is a great example of our track record in creating value through exploration success, and we continue to pursue further opportunities with an additional seven high priority drill targets identified across this highly prospective copper-gold region.

"At Brucejack, the drilling results further highlight the potential for brownfields growth in the Valley of the Kings mineralisation, with drilling demonstrating the potential for new mining fronts within the current mine area. We are starting to apply our learnings across the mineralised corridor, with a drilling program planned in the coming months to explore new zones of mineralisation.

"Our Greenfields exploration strategy remains on track with positive results at the Spring Peak project during the quarter, and ongoing drilling at Havieron continuing to demonstrate the potential for resource growth," said Ms Duhe.

Red Chris, British Columbia, Canada⁽³⁾

Red Chris is a joint venture between Newcrest (70%) and [Imperial Metals Corp.](#) (30%) and is operated by Newcrest.

The Brownfield Exploration program is focused on the discovery of additional zones of higher-grade mineralisation within the Red Chris porphyry corridor, including targets outside of Newcrest's Mineral Resource estimate. During the quarter, there were up to four diamond drill rigs in operation. A further 10,532m of drilling has been completed during the quarter from 10 drill holes, with all drill holes intersecting mineralisation. This contributed to a total of 310,685m of drilling from 301 drill holes since Newcrest acquired its interest in the joint venture in August 2019.

At East Ridge, located adjacent to the East Zone, drilling is ongoing with 81 holes completed and 5 in progress. Assay results were received for 5 holes during the quarter. The follow up drilling is being undertaken on a nominal 100m x 100m grid to determine the footprint, understand the mineralisation, geotechnical and geometallurgical characteristics and to determine the extent of continuity of the higher-grade mineralisation. Drilling to date has tested a corridor 1,000m long, 450m wide and to a vertical extent of 1,000m where zones of higher grade mineralisation have been identified. Mineralisation remains open at depth.

An updated Exploration Target has been estimated for East Ridge (previously reported), with ranges from a lower case of approximately 400Mt @ 0.42g/t Au & 0.49% Cu for 5.4Moz Au & 1.9Mt Cu to an upper case of approximately 500Mt @ 0.39g/t Au & 0.47% Cu for 6.1Moz Au & 2.3Mt Cu. This represents a significant enhancement in the size of the Exploration Target as at 6 March 2023 in comparison with the East Ridge Exploration Target as at 30 June 2022 which was estimated to have a lower case of approximately 170Mt @ 0.5g/t Au & 0.5% Cu for 2.8Moz Au & 0.9Mt Cu and an upper case of approximately 300Mt @ 0.4g/t Au & 0.4% Cu for 4.3Moz Au & 1.3Mt Cu.

The grades and tonnages are estimates based on continuity of mineralisation defined by exploration diamond drilling results (previously reported including relevant sections and plans) within the Redstock Intrusive with the lower range estimate in the area with a nominal drill hole spacing of 100m x 100m and the upper range estimate extended into the area with a nominal drill hole spacing of 100m x 200m.

East Ridge is outside of Newcrest's published Red Chris Mineral Resource estimate. Diamond drilling continues to define the extent and continuity of this higher grade mineralisation. At least 5 additional diamond drill holes are planned to test and close out the Exploration Target and determine geotechnical and metallurgical characteristics. This drilling program is expected to be completed by the second quarter of calendar year 2023. Work will be undertaken to deliver an updated Red Chris Mineral Resource estimate including East Ridge in calendar year 2023⁴.

Drilling continues to confirm the vertical extent of the mineralisation within the Exploration Target. Drilling has returned a further deep significant higher-grade intercept with RC865 (located 100m east of RC857, previously reported) intersecting 132m @ 0.29g/t Au & 0.45% Cu from 1,552m, 106m @ 0.57g/t Au & 0.57% Cu from 1,716m including 30m @ 0.95g/t Au & 0.87% Cu from 1,730m. These results confirm the vertical extent of the higher grade mineralisation, which remains open at depth and demonstrates further support of the upside range of the Exploration Target.

Ongoing drilling east of the East Ridge Exploration Target returned a significant higher grade intercept with RC860 returning 66m @ 0.53g/t Au & 0.46% Cu from 1,332m including 32m @ 0.85g/t Au & 0.63% Cu from 1,342m, including 16m @ 1.1g/t Au & 0.74% Cu from 1,352m. This intersection located approximately 100m east of the Exploration Target, demonstrates the potential to define further discoveries beyond East Ridge.

Target generation applying the knowledge gained from the Red Chris discoveries has identified an initial portfolio of seven high priority porphyry copper-gold targets across the 750km² of mineral claims which demonstrates the prospectivity of this region. A program of geological mapping, geochemical sampling and drilling is planned for this summer field season.

Priority targets include:

- Far West (& Gully Zone) - Located immediately west of the Red Chris Main Zone, the prospect is defined by open higher grade copper-gold porphyry intercepts in historic shallow drilling.
- GJ-Donnelly - Previous Exploration has defined a 10km long corridor of porphyry mineralisation which contains localised higher grade copper-gold porphyry intercepts. There is potential to expand the mineralisation and discover additional zones of higher grade.
- QC Zone - A 5km long zone of porphyry-style alteration, veining and associated geochemistry along strike from Newmont's Saddle North resource. Historic shallow drilling at QC East intersected anomalous copper and gold mineralisation associated with porphyry-style alteration and veining.
- McBride - A 2km long zone of anomalous copper in surface rock chip samples with coincident magnetic high and Induced Polarisation chargeability anomalies. The prospect is located approximately 15km north of the Red Chris mine and is untested by drilling.
- Whiterock Canyon - A 1.5km x 1km area with porphyry style alteration and coincident anomalous surface rock chip geochemistry along the western extension to the Red Chris porphyry corridor directly along strike from the Gully Zone and Far West prospects. There is no previous drilling at this prospect.
- West Whiterock Creek - A prospect defined by anomalous surface rock chip geochemistry with coincident magnetic high anomalies that displays similarities with the Red Chris porphyry deposit, including the presence of gold-bearing early quartz veins and strong hydrothermal alteration. There is no previous drilling at this prospect.
- North Powerline - A newly identified early-stage porphyry copper-gold prospect defined by anomalous gold in surface geochemistry in rock chip samples and hydrothermal alteration in geological mapping. Anomalism appears to be associated with porphyry intrusive rocks with coincident with a magnetic high anomaly.

Approximately 10,000m of growth-related drilling targeting mineralisation definition and continuity is planned for the June 2023 quarter from up to four drill rigs.

Refer to Appendix 1 for additional information, and the drill hole data table for all results reported during the period.

Figure 1. Schematic plan view map of the Red Chris porphyry corridor spanning East Ridge, East Zone, Main Zone and Gully Zone showing significant Newcrest intercepts (drill intercepts have been reported in Appendix 2 of this report), 0.3g/t Au, 1g/t Au, 0.3% Cu and 1% Cu shell projections generated from a Leapfrog™ model.

To view an enhanced version of this graphic, please visit:

https://images.newsfilecorp.com/files/7614/163908_a50f66b1f4346851_003full.jpg

Figure 2. Long section view (looking North West) of the Red Chris porphyry corridor showing drill hole locations, gold distribution and Exploration Target (previously released).

To view an enhanced version of this graphic, please visit:

https://images.newsfilecorp.com/files/7614/163908_a50f66b1f4346851_004full.jpg

Figure 3. Schematic plan view map of the Red Chris porphyry Cu-Au district spanning the Red Chris, McBride, GJ and QC porphyry corridors showing portfolio of targets.

To view an enhanced version of this graphic, please visit:

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Brucejack, British Columbia, Canada⁽⁵⁾

The Brucejack Property hosts the Valley of the Kings (VOK) high-grade gold deposit. The VOK is characterised by multiple occurrences of higher grade mineralisation over selected intervals hosted within broader zones of stockwork and vein arrays. Growth activities are focused on both resource expansion within the existing mine area, as well as brownfields exploration activities within 4km of the mine area.

Resource expansion drilling during the quarter was focused on targets in Eastern Promises, Bridge Zone North, and West VOK. A total of 15,137m in 60 drill holes was completed using three underground diamond drill rigs. Assay results were received for two drill fans in Eastern Promises and two drill fans completed in the previous quarter in the 1080 HBx Zone. All other assays are pending.

At 1080 HBx Zone, assays were received for 20 drill holes (two drill fans). All drill holes intersected gold mineralisation, with 7 of the 20 drill holes intersecting higher grade mineralisation, in excess of 5 grams per tonne. Drilling continues to expand the existing footprint of the mineralisation (140m x 300m x 250m). All drill results reported are outside the current Pretium published Mineral Resource, demonstrating the potential for resource growth at the Valley of the Kings (VOK) deposit. Results from this quarter include:

- VU-4749
 - 18m @ 306g/t Au from 261m
 - including 1m @ 5,370g/t Au from 266m
- VU-4824
 - 25.5m @ 21g/t Au from 75m
 - including 1.5m @ 331g/t Au from 94.5m

Drill holes VU-4823 and VU-4825 were extended by 250 meters and 120 meters respectively to test for new mineralised corridors to the south of the HBx Domain, with VU-4823 intersecting higher grade mineralisation from 480m.

- VU-4823
 - 10.5m @ 5.6 g/t Au from 480m
- VU-4825
 - 15m @ 35g/t Au from 244.5m
 - including 1m @ 516g/t Au from 253m

Future drilling will be conducted from a new exploration platform on the 1020 level to test down dip.

At Eastern Promises, drilling has commenced and is ongoing to demonstrate continuity and expand high grade mineralisation to the east. A full summary will be provided in the June Quarter. Eastern Promises is located immediately east of the 1080 HBx Zone with the intersection of the Domain 20 mineralisation.

With our increased understanding of the Brucejack mineralised system, target generation applying the knowledge gained from North Block and the 1080 HBx Zone has identified several opportunities within the 4km epithermal gold corridor from VOK to Golden Marmot. A surface drilling program is planned to assess these targets and de-risk future underground exploration development.

Assessment of the regional targets outside of the Brucejack epithermal corridor is planned for this upcoming field season, which is expected to commence in the June 2023 quarter. Work will focus on the key priority target American Creek (located 20km south east of the mine) where previous exploration has outlined an 8km long epithermal gold corridor.

Approximately 20,000m of resource expansion drilling targeting mineralisation definition and continuity is planned for the June 2023 quarter from up to six drill rigs operating underground and four drill rigs operating on surface during.

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

Figure 4. Plan view map of the Brucejack Property, spanning the 4km gossanous trend from Golden Marmot and Hanging Glacier in the northwest to Bridge Zone in the southeast.

To view an enhanced version of this graphic, please visit:
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Figure 5. Long section view (looking west) of the Brucejack Property. Refer to figure 4 for the location of the cross section. Viewing window is +/- 100 meters.

To view an enhanced version of this graphic, please visit:
https://images.newsfilecorp.com/files/7614/163908_a50f66b1f4346851_007full.jpg

Figure 6. Schematic plan view map of the Brucejack epithermal Au district spanning the Brucejack and American Creek epithermal trends.

To view an enhanced version of this graphic, please visit:
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Western USA

Spring Peak Project, Nevada

In August 2022, Newcrest entered into four separate definitive option and earn-in agreements with Headwater Gold Inc. (Headwater Gold) and purchased a 9.9% equity interest in the company (previously reported). Newcrest has the option to acquire up to a 75% interest individually in each of the Agate Point, Midas North and Spring Peak Projects in Nevada and the Mahogany Project in Oregon.

The Spring Peak project is located approximately 35km southwest of Hawthorn, Nevada in the Aurora mining district. In 2022 Headwater Gold completed a total of 3,170m drilled in 10 holes across the project area including both RC pre-collar with diamond tails and three RC only holes. During the quarter, all outstanding assays from the 2022 drill program were received which identified additional high-grade mineralisation at the Disco zone and the new high-grade Opal Ridge zone.

Exploration to date has defined a low sulfidation epithermal system over an interpreted area of 2.5km x 1.5km. Surface indications include high level sinters and veinlets associated with multiple structures. Initial work has focused on the Disco Zone.

Figure 7. Plan view of the Spring Peak project illustrating the location of the Disco Zone, Opal Ridge, drilling, and drill constrained cross sections. Coordinates are NAD83 UTM Zone 11 north.

To view an enhanced version of this graphic, please visit:

https://images.newsfilecorp.com/files/7614/163908_a50f66b1f4346851_009full.jpg

New drill results from the Disco zone have extended the continuity of the higher-grade veins and mineralised envelope up dip from the previously announced SP22-13^{AA} (34.72m @ 2.7g/t Au from 256.12m, including, 2.01m @ 10g/t Au from 262.46m, 2.38m @ 16g/t Au from 275.26m, including 0.34m @ 70g/t Au from 275.96m).

SP22-11 returned 40.63m @ 1.9g/t Au from 185.38m including 0.79m @ 7.4g/t Au from 197.39m and 0.58m @ 44g/t Au from 208.33m and SP22-12 returned 42.61m @ 0.94g/t Au from 205.59m including 0.33m @ 24g/t Au 211.96m and 1.65m @ 4.3g/t Au from 235.18m and SP22-07 returned 14.78m @ 0.93g/t Au from 175.87m. Diamond drill hole SP22-11 is a twin of RC drill hole SP21-03 and has increased both the thickness and grade of the RC intersection.

The Disco Zone occupies the footwall margin of a northeast-striking fault zone that is oriented similarly to vein trends at the adjacent past-producing Aurora mine complex (historic production estimated at 2.2Moz Au @ 10g/t Au⁶). Within the Disco Zone, holes SP22-07, SP22-11, SP22-12 and SP22-13 intersected multiple discrete veins with textures indicative of boiling, including ginguro banding, silica replacement of lattice bladed calcite and vein sediment.

The four holes that intersected the target structure were drilled on a single fence with mineralisation open down-dip and along strike. Early indications from drill data suggest that as per other epithermal systems globally the Disco zone demonstrates increasing grade with depth.

RC pre-collar (SP22-10 RC) drilled 150m to the north-east of the existing Disco zone section returned 36.58m @ 0.53g/t Au from 161.54m, extending the strike continuity of the Disco structure. A diamond tail of this pre-collar will occur in the 2023 program.

In addition, further drilling has been successful in identifying a new high grade drill target at Opal Ridge located 900m west of the Disco zone and is characterised by banded quartz vein material and fine-grained

sulphide stringers. RC hole SP22-14 returned 10.67m @ 2.7g/t Au from 169.16m including 1.52m @ 16g/t Au from 170.69m.

Learnings from the successful extension of the Disco Zone and discovery of the Opal Ridge Zone will be applied to all of the Headwater Gold Joint Venture projects and planning is currently underway for the 2023 exploration program.

Refer to Appendix 3 for additional information and drill hole data table for all results reported during the period.

Figure 8. Geological and geophysical cross section of the Disco Zone with drill results from SP22-07, SP22-11, SP22-12 and SP22-13* (previously reported in Newcrest December 2022 Exploration Quarterly dated 25 January 2023*) illustrating the continuity of the mineralised envelope and the high-grade veins. The structure is open both down dip and along strike. A drill program to further test the zone is currently being planned. Section view is to the southwest.

To view an enhanced version of this graphic, please visit:

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Figure 9. Geological cross section of the Opal Ridge Target with results from SP22-14. Drillhole LDH-3* drilled by Labradex in 1983 and historic assay data compiled and released by Headwater Gold (2 March 2023*). Section view is to the northwest.

To view an enhanced version of this graphic, please visit:

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Figure 10. Geological and geophysical cross section illustrating the broad zone of hanging wall mineralisation intersected in RC precollar SP22-10 and its position relative the projected location of the disco zone structure. Section view is to the southwest.

To view an enhanced version of this graphic, please visit:

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Havieron Project, Western Australia, Australia⁽⁷⁾

The Havieron Project is operated by Newcrest under a Joint Venture Agreement (JVA) with Greatland Gold Plc (Greatland). Newcrest is the manager and holds a 70% interest in the Havieron Project (Greatland holds a 30% interest). The JVA includes tolling principles reflecting the intention of the parties that, subject to a successful exploration program, Feasibility Study and a positive decision to mine, the resulting joint venture mineralised material will be processed at Telfer.

The Havieron Project is centred on a deep magnetic anomaly located 45km east of Telfer in the Paterson Province. The deposit is overlain by more than 420m of post mineral Permian cover. The Joint Venture commenced drilling during the June 2019 quarter and has completed 298,428m of drilling from 335 drill holes to date (excluding holes in progress, abandoned holes, or drill holes which have not been sampled).

Drilling activities in the quarter have produced a further 9,764m of drilling from 8 holes with up to 3 drill rigs operating during the quarter. This includes 7 infill drillholes within the current Crescent Inferred Resource which are not included in this report. New assay results are reported from 8 drill holes (all were assays pending from the previous quarter). Of the reported holes, 3 holes returned significant assay intercepts in

excess of 50 gram metres gold (Au ppm x length m).

Growth drilling targeted resource additions outside of the existing Indicated and Inferred Mineral Resource limits and included:

- Extensions of the Eastern Breccia incorporating definition of identified internal higher-grade zones - assay results reported for 2 drill holes.
- Extensions to the Northern Breccia at depth between the current Northern Breccia Resource and Eastern Breccia Resource - assay results reported for 4 drill holes
- Drilling to assess geophysical targets outside of the main Havieron system - 2 drill hole results from step-out drilling to the northwest and southeast of the Havieron system.

The Eastern Breccia is developed below the 4,100RL with a footprint of over 500m in strike, up to 200m in width, and over 250m in vertical extent. Within this zone, multiple northwest trending internal higher-grade (>1 g/t Au) sulphide dominated domains are observed. HAD098W9 intersected 31.1m @ 4.9g/t Au & 0.13% Cu from 1,635m, including 10m @ 13g/t Au & 0.14 % Cu from 1,655m ~ 50m to the north west of the current Eastern Breccia Resource. HAD164W3 intersected 57m @ 2.1 g/t Au and 0.19% Cu from 1262 m, including 10m @ 8.5g/t Au & 0.29% Cu from 1307m ~200m vertically above the existing Eastern Breccia Mineral Resource.

Drilling in the Northern Breccia zone further highlights potential for incremental extensions to the Current Mineral Resource. Results include: HAD098W8, 22m @ 8.1g/t Au & 0.14% Cu from 1,287m, HAD098W9, 29.9m @ 3.9g/t Au & 0.01% Cu from 945.1m.

Drilling to test geophysical targets outside of the known Havieron mineralised system, including evaluating the Havieron system to along strike to the northwest and southeast, revealed no significant intercepts from two drill holes (HAD169 and HAD170).

The current campaign of growth programs for Havieron is now complete and will support ongoing resource assessment. Drilling is currently focussed on infill drilling on the lower SE Crescent zone with three rigs continuing into the June 2023 quarter.

Refer to Appendix 4 for additional information and drill hole data table for all results reported during the period.

Figure 11. 3D Plan view schematic showing the spatial association of the South East Crescent, Northern Breccia, North West Pod and Eastern Breccia in relation to the current exploration growth target areas and the Mineral Resource extents. Also highlighted are selected previously reported and new labelled intercepts >100 gram metres (Au ppm x length) that have been intersected outside of the Inferred Mineral Resource. Intercepts are projected to the 4600RL.

To view an enhanced version of this graphic, please visit:
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Figure 12. 3D oblique view of the Havieron system viewed from the south-east, showing the position of high-grade intercepts (previously[▲] reported and new labelled) and mineralised zones >100 gram metres (Au ppm x length) that have been intersected outside of the Mineral Resource extents. Further higher-grade mineralisation and assay results continue to support incremental expansion of the Northern Breccia and Southeast Crescent, as well as extensions to the Eastern Breccia (refer to Figure 5 for spatial relationship of drill holes and zones).

To view an enhanced version of this graphic, please visit:
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Figure 13. Plan view schematic of a horizontal slice at 3900mRL 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 >50 gram metres intersections drilled during the period, refer to inset diagram for relationship to all Havieron drilling.

To view an enhanced version of this graphic, please visit:
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Western USA

Appaloosa Project, Nevada

In September 2022, Newcrest entered into an option and earn-in agreement (previously reported) with [Gunpoint Exploration Ltd.](#) (Gunpoint) to acquire up to 75% of the Appaloosa property located in Nevada, USA (with an option to acquire the remaining 25% of Appaloosa post the earn-in period). Appaloosa is an underexplored mineralised structural zone situated within Gunpoint's Talapoosa gold-silver project. During 2022, Newcrest undertook target definition work including mapping, geophysics, rock chip and channel sampling that defined multiple drill targets on the property. In January 2023, Newcrest provided notice to Gunpoint to enter into the Option Phase of the option and earn-in agreement at Appaloosa. During the quarter, a Notice of Intent (NOI) was lodged with the Bureau of Land Management (BLM) to undertake drill testing of multiple targets during the June 2023 quarter. Drill testing is planned to commence in April 2023.

Australia

Wilki Project, Western Australia

The Wilki Project is an exploration farm-in and joint venture with Antipa Minerals Limited (Antipa). The project area covers a strategic landholding of ~1,470km² (post the return of certain tenements to Antipa during the quarter in exchange for a royalty) surrounding the Telfer operation and is adjacent to the Havieron Project. Newcrest entered into this exploration farm-in and joint venture agreement with Antipa in March 2020. Newcrest currently also has a 9.9% shareholding in Antipa.

As previously highlighted, Newcrest has elected to proceed to the next stage (Stage 1) of the farm-in agreement following completion of the initial exploration expenditure commitment (A\$6 million). Newcrest has the potential to earn a 51% joint venture interest in the Wilki Project through expenditure of a further A\$10 million by March 2025 during Stage 1. As of 1 July 2022, Newcrest is the manager and operator of the Wilki Project.

Field activities were suspended for the summer period and will resume in the first half of calendar year 2023, with planned soil sampling and follow up drilling to be completed, subject to successful attainment of heritage clearances.

Juri Joint Venture, Western Australia

The Juri Joint Venture is a farm-in and joint venture agreement with Greatland with respect to the Black Hills and Paterson Range East projects, located within the Paterson Province approximately 50km from the Telfer operation and in proximity to the Havieron Project. The joint venture covers an area of approximately 248km². Newcrest currently has a 51% interest in the Juri Joint Venture, and the Joint Venture is currently managed by Greatland. Under the terms of the agreement, Newcrest has the potential to earn an additional 24% joint venture interest through expenditure of a further A\$17 million by October 2024.

Field activities remained suspended during the summer period with ongoing target generation and project review activities conducted.

Mount Coolon Project, Queensland

In October 2022, Newcrest entered into a farm-in agreement with GBM Resources Ltd (GBM) in relation to the Mount Coolon Project to advance gold exploration in the Drummond Basin in Queensland. The agreement provides the potential for Newcrest to acquire up to a 75% interest in the Mount Coolon Project tenements by spending A\$25M and completing a series of exploration milestones in a 3 stage farm-in over six years.

Newcrest considers the Drummond Basin to be highly prospective for discovery of new higher grade gold resources related to known epithermal gold deposits within the Mount Coolon Project area. The project is undergoing establishment activities, and initial targeting has identified a number of high priority targets below and along strike to previously identified gold-bearing low-sulphidation epithermal veining.

Project establishment activities have commenced, with initial preparation of reconnaissance and support programs undertaken during the quarter. Ground geophysical surveys, surface geochemical sampling and review of historic exploration areas will commence in the field from April 2023.

Northern Andes

Gamora Project, Ecuador

A second phase of scout drilling commenced at the Gamora Project, located in southeast Ecuador. This work is being conducted by Newcrest as the operator under an earn-in agreement with Lundin Gold Inc. (Lundin Gold) pursuant to which Newcrest can earn up to a 50% interest in eight exploration concessions. The concession areas cover strategic landholdings to the north and south of Lundin Gold's Fruta del Norte mining operation.

The current phase of diamond core drilling at Gamora is focused on testing priority copper-gold targets in the Mirador copper porphyry district. The program is planned to finish in the June 2023 quarter.

Appendix 1

Red Chris (70% Newcrest): JORC Table 1 Section 1: Sampling Techniques and Data

Criteria	Commentary
Sampling techniques	Core samples are obtained from core drilling. HQ and NQ diameter 6m run. Core was cut using an automatic core-cutter and half core sequences were not sampled. Core drilling was advanced with HQ3, HQ, NQ3 and NQ diameter
Drilling techniques	Core from inclined drill holes are oriented on 3, 4.5m or 6m runs using a gyroscopic orientation system (Reflex ACTIII and Axis Champ Ori). At the end of each run, the borehole is checked by the driller, which is later transferred to the whole drill core run length using a gyroscopic orientation system. Core recovery is systematically recorded from the commencement of each core run, and checked against driller's depth blocks in each core tray with data recorded in the core log. The data provided the depth, interval of core recovered, and interval of core lost.
Drill sample recovery	Core recoveries were typically 100%, with isolated zones of lower recovery.

Criteria	Commentary
	Geological logging recorded qualitative descriptions of lithology, all structure (for all core drilled -10,532m in 10 holes - all holes intersected of key geological features).
Logging	<p>Geotechnical measurements were recorded including Rock Quality solid core recovery and qualitative rock strength measurements.</p> <p>Magnetic susceptibility measurements were recorded every metre.</p> <p>All geological and geotechnical logging was conducted at the Red Chris Mine.</p> <p>Digital data logging was captured, validated and stored in an acQuire database.</p> <p>All drill cores were photographed, prior to cutting and/or sampling them. Sampling, sample preparation and quality control protocols are consistent across all samples. All samples are cut and sampled at the Red Chris Mine core processing facility. Cores are cut in half and sampled in plastic bags together with pre-numbered sample tags and grouped by sample ID. Sample weights typically varied from 5 to 10kg. Samples are grouped by lithology and style of mineralisation. Drill core samples were freighted by road to Bureau Veritas Commodities Canada Ltd Laboratory, Vancouver (Bureau Veritas).</p>
Sub-sampling techniques and sample preparation	<p>Core was cut and sampled at the Red Chris Mine core processing facility in plastic bags together with pre-numbered sample tags and grouped by sample ID. Sample weights typically varied from 5 to 10kg. Samples are grouped by lithology and style of mineralisation. Drill core samples were freighted by road to Bureau Veritas Commodities Canada Ltd Laboratory, Vancouver (Bureau Veritas).</p> <p>Sample preparation was conducted at the independent ISO 9001 certified Bureau Veritas Commodities Canada Ltd Laboratory, Vancouver (Bureau Veritas). Samples were crushed to 95% passing 4.75 mm, and the split to obtain up to 1kg of sample (method LM2) to produce a pulped product with the minimum standard of 95%.</p> <p>Duplicate samples were collected from crush and pulp samples at 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 ID and recorded in the acQuire database.</p> <p>Assaying of drill core samples was conducted at Bureau Veritas. Assays were conducted using a 4-acid digestion followed by ICP-AES/ICP-MS determination for gold and silver, determined by 50g fire assay with ICP-ES finish (method FA350). Copper was assayed using Bureau Veritas Leco (method TC000) and mercury using aqua regia digestion followed by atomic absorption (method AQ200).</p> <p>Sampling and assaying quality control procedures consisted of including certified reference materials (CRMs), coarse residue and pulp duplicates with each batch (at least one duplicate per batch).</p> <p>Assays of quality control samples were compared with reference standards and verified as acceptable prior to use of data from analysed batches.</p>
Quality of assay data and laboratory tests	<p>Laboratory quality control data, including laboratory standards, blank and duplicate samples, are captured in the acQuire database and assessed for accuracy and precision.</p> <p>Due to the limited extent of the drilling program to date, extended quality control programs have not been undertaken, whereby pulped samples will be submitted to an unpinched laboratory for analysis and extensive re-submission programs.</p> <p>Analysis of the available quality control sample assay results indicate that the quality control data is accurate and precision has been achieved and the database contains no anomalies that have been manipulated.</p> <p>The assaying techniques and quality control protocols used are consistent with industry best practices and used for reporting exploration drilling results.</p>

Criteria	<p>Commentary</p> <p>Sampling intervals defined by the geologist are electronically assigned to core cutting. Corresponding sample numbers matching pre-labelled sample tags are assigned to each sample.</p> <p>All sampling and assay information were stored in a secure acQuire database.</p>
Verification of sampling and assaying	<p>Electronically generated sample submission forms providing the sample number, sample type and sample length were submitted with each submission to the laboratory. Assay results from the laboratory are loaded directly into the acQuire database.</p> <p>Assessment of reported significant assay intervals was verified by assessment of high resolution core photography. The verification of significant assay intervals was completed by company personnel and the Competent Person/Qualified Person.</p> <p>No adjustments are made to assay data, and no twinned holes have mineralisation at various angles.</p> <p>There are no currently known drilling, sampling, recovery, or other factors that would affect the accuracy or reliability of the data.</p> <p>Drill collar locations were surveyed using a RTK GPS with GNSS receiver.</p>
Location of data points	<p>Drill rig alignment was attained using an electronic azimuth aligner. Downhole survey was collected at 9 to 30m intervals of the drill hole (EZ-SHOT and Axis Champ Gyro). At the end of hole, all holes have a survey to surface (Reflex EZ-GYRO).</p> <p>Topographic control is established from PhotoSat topographic data. The topography is generally low relief to flat, with an average elevation of 1000m. Gullies are present.</p>
Data spacing and distribution	<p>All collar coordinates are provided in the North American Datum (NAD83). The drill hole spacing ranges from 100 - 200m in lateral extent with 1.5km² at the East Zone, 1.5km² at the Main Zone and 1.5km² at the Gully Zone. A data set for the East Zone, Main Zone and Gully Zone was released on 31 January 2018.</p> <p>No sample compositing is applied to samples.</p> <p>Drilling of reported drill holes RC859, RC860, RC861, RC863, RC864 and RC865 was perpendicular to the intrusive complex. The intrusive complex has an overall north-northwest orientation.</p>
Orientation of data in relation to geological structure	<p>Drill holes exploring the extents of the East Ridge, East Zone, Main Zone and Gully Zone intersected moderately dipping volcanic and sedimentary units cut by steeply dipping mineralised zones with an east-northeast orientation. Newcrest drill holes.</p> <p>The security of samples is controlled by tracking samples from drill rig to the Red Chris Mine core processing facility.</p> <p>Drill core was delivered from the drill rig to the Red Chris Mine core processing facility for geotechnical logging, high resolution core photography and cutting.</p> <p>Samples were freighted in sealed bags with security tags by road to Newcrest representatives.</p>
Sample security	<p>Sample numbers are generated from pre-labelled sample tags. All samples are placed in numbered plastic bags. Sample tags are inserted into prenumbered plastic bags.</p> <p>Verification of sample numbers and identification is conducted by the sample receipt advice issued to Newcrest.</p> <p>Details of all sample movement are recorded in a database table. Details of the analytical suite requested are recorded with the dispatch of samples. Any discrepancies logged at the receipt of samples into the laboratory.</p>

Red Chris Project, British Columbia, Canada

Red Chris Project, British Columbia, Canada
Reporting Criteria: Intercepts reported are downhole drill width (not true width) Au >0.1ppm (0.1g/t Au) and minimum 20m downhole width with maximum consecutive internal dilution of 10m. Also highlighted are high grade intervals of Au >0.5ppm (0.5g/t Au), Au >1ppm (1g/t Au), Au > 5ppm (5g/t Au), Au >10ppm (10g/t Au)

and minimum 10m downhole width with maximum consecutive internal dilution of 10m. Gold and copper grades are reported to two significant figures. Samples are from core drilling which is HQ or NQ in diameter. Core is photographed and logged by the geology team before being cut. Half core 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.

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
RC859	DD#8239; 453158 6397048	1471	2143.7	149	-58	1800	2000	200	0.19	0.18	0.1		
					2014	2034		20	0.11	0.14	0.1		
					2094	2116		22	0.11	0.13	0.1		
RC860	DD#8239; 454037 6397102	1122	1749.0	148	-60	650	772	122	0.29	0.09	0.1		
		incl. 708	722		14	0.60	0.22	0.5					
					1244	1312		68	0.15	0.25	0.1		
					1332	1398		66	0.53	0.46	0.1		
					incl. 1342	1374		32	0.85	0.63	0.5		
					incl. 1352	1368		16	1.1	0.74	1		
RC861	DD#8239; 453066 6396918	1466	1946.0	144	-57	1344	1384	40	0.14	0.02	0.1		
					1396	1418		22	0.21	0.02	0.1		
					1476	1526		50	0.39	0.32	0.1		
					incl. 1502	1526		24	0.52	0.45	0.5		
					1576	1600		24	0.24	0.06	0.1		
					1620	1648		28	0.59	0.41	0.1		
					incl. 1622	1634		12	1.2	0.76	0.5		
RC863	DD#8239; 453896 6397057	1098	1397.7	144	-61	128	148	20	0.23	0.03	0.1		
					160	182		22	0.22	0.04	0.1		
					198	224		26	0.60	0.03	0.1		
		incl. 198	224		26	0.60	0.03	0.5					
					638	718		80	0.18	0.04	0.1		
					824	868		44	0.36	0.20	0.1		
					1314	1368		54	0.28	0.31	0.1		
RC864	DD#8239; 453404 6397179	1466	1161.4	146	-56								Hole abandoned
RC864W#	DD#8239; 453404 6397179	1466	2207.2	146	-56								Assays pending
RC865	DD#8239; 453337 6397094	1467	1040.0	146	-58	1552	1684	132	0.29	0.45	0.1		
					1716	1822		106	0.57	0.57	0.1		
					incl. 1730	1760		30	0.95	0.87	0.5		
					incl. 1776	1808		32	0.59	0.54	0.5		
					1916	1978		62	0.33	0.17	0.1		
					incl. 1926	1938		12	0.53	0.24	0.5		
					incl. 1950	1962		12	0.50	0.22	0.5		
					1996	2070		74	0.23	0.24	0.1		
RC866	DD#8239; 454038 6397103	1122	1095.0	148	-50								No significant intercepts
RC867#	DD#8239; 453597 6397100	1424	740.7	148	-61								Assays pending
RC872	DD#8239; 454180 6397146	1145	1974.6	151	-64								Assays pending
RC873	DD#8239; 454320 6397177	1167	1743.0	147	-47								Assays pending
RC874#	DD#8239; 454320 6397177	1167	923.7	145	-66								Assays pending
RC875#	DD#8239; 453660 6396034	1377	866.0	326	-76								Assays pending
RC876#	DD#8239; 454180 6397146	1145	1116.0	152	-55								Assays pending

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

Figure 14. Schematic plan view map of East Ridge showing drill hole locations (Newcrest & Imperial) and significant Newcrest intercepts (drill intercepts have been reported in Appendix 2 of this report, and in prior Newcrest exploration releases). 0.3 g/t Au, 1 g/t Au, 0.3% Cu and 1% Cu shell projections generated from a Leapfrog™ model.

To view an enhanced version of this graphic, please visit:
https://images.newsfilecorp.com/files/7614/163908_a50f66b1f4346851_016full.jpg

Figure 15. Schematic cross section of RC861 (Section Line 34N - as shown on Figure 14) showing Newcrest and Imperial drill holes and Newcrest intercepts (drill intercepts have been reported in Appendix 2 of this report, and in prior Newcrest exploration releases) 0.1 g/t Au, 0.5 g/t Au and 1 g/t Au shell projections generated from Leapfrog™ model. Due to window size (+/- 50m) and section orientation (150˚) hole may appear on multiple sections.

To view an enhanced version of this graphic, please visit:
https://images.newsfilecorp.com/files/7614/163908_a50f66b1f4346851_017full.jpg

Figure 16. Schematic cross section of RC859 (Section Line 35N - as shown on Figure 14) showing Newcrest and Imperial drill holes and Newcrest intercepts (drill intercepts have been reported in Appendix 2 of this report, and in prior Newcrest exploration releases) 0.1 g/t Au, 0.5 g/t Au and 1 g/t Au shell projections generated from Leapfrog™ model. Due to window size (+/- 50m) and section orientation (150˚) hole may appear on multiple sections.

To view an enhanced version of this graphic, please visit:
https://images.newsfilecorp.com/files/7614/163908_a50f66b1f4346851_018full.jpg

Figure 17. Schematic cross section of RC865 (Section Line 37N - as shown on Figure 14) showing Newcrest and Imperial drill holes and Newcrest intercepts (drill intercepts have been reported in Appendix 2 of this report, and in prior Newcrest exploration releases) 0.1 g/t Au, 0.5 g/t Au and 1 g/t Au shell projections generated from Leapfrog™ model. Due to window size (+/- 50m) and section orientation (150˚) hole may appear on multiple sections.

To view an enhanced version of this graphic, please visit:
https://images.newsfilecorp.com/files/7614/163908_a50f66b1f4346851_019full.jpg

Figure 18. Schematic cross section of RC863 (Section Line 42N - as shown on Figure 14) showing Newcrest and Imperial drill holes and Newcrest intercepts (drill intercepts have been reported in Appendix 2 of this report, and in prior Newcrest exploration releases) 0.1 g/t Au, 0.5 g/t Au and 1 g/t Au shell projections generated from Leapfrog™ model. Due to window size (+/- 50m) and section orientation (150˚) hole may appear on multiple sections.

To view an enhanced version of this graphic, please visit:
https://images.newsfilecorp.com/files/7614/163908_a50f66b1f4346851_020full.jpg

Figure 19. Schematic cross section of RC860 & RC866 (Section Line 43N - as shown on Figure 14) showing Newcrest and Imperial drill holes and Newcrest intercepts (drill intercepts have been reported in Appendix 2 of this report, and in prior Newcrest exploration releases) 0.1 g/t Au, 0.5 g/t Au and 1 g/t Au shell projections generated from Leapfrog™ model. Due to window size (+/- 50m) and section orientation (150˚) hole may appear on multiple sections.

To view an enhanced version of this graphic, please visit:
https://images.newsfilecorp.com/files/7614/163908_a50f66b1f4346851_021full.jpg

Appendix 2

Brucejack (100% Newcrest): JORC Table 1 Section 1: Sampling Techniques and Data

Criteria

Commentary

Sampling techniques

Core samples are obtained from core drilling. NQ and HQ diameter Whole core was sampled at 1.5m intervals except where visible go sample length was shortened to 1.0 or 0.5m.

Core drilling was advanced with NQ and HQ diameter coring config

Drilling techniques

Core from select inclined drill holes are oriented on 3m runs using ACTIII). At the end of each run, the bottom of hole position is marked to the whole drill core run length with a bottom of hole reference line. Core recovery is systematically recorded from the commencement against driller's depth blocks in each core tray with data recorded in provided the depth, interval of core recovered, and interval of core

Drill sample recovery

Core recoveries were typically 100%, with isolated zones of lower Geological logging recorded qualitative descriptions of lithology, al structure (for all core drilled - 15,137m).

Logging

Geotechnical measurements were recorded including Rock Quality solid core recovery and qualitative rock strength measurements.

All geological and geotechnical logging was conducted at the Bruc

Digital data logging was captured, validated and stored in an Acqu replaces the previous Geospark database.

All drill cores were photographed, prior to sampling the core.

Sampling, sample preparation and quality control protocols are co sampled.

Whole core NQ and HQ samples. Whole core samples were collected pre-numbered sample tags and grouped into shipping bins for disp transport. Sample lengths were typically 1.5m, and weights typically weight of approximately 12.5 Kg. Sample sizes are considered app

Sub-sampling techniques and sample preparation

All drill core samples were freighted by road to the laboratory via h

Sample preparation was conducted at the independent ISO 9001 c Global preparation laboratories including Terrace, Kamloops, Yellow dried at 60°C, and crushed to 90% passing 2 mm, and split to obtain pulverised (using LM2) to produce a pulped product with the minim

Duplicate sample data are available from crush and pulp samples results show an acceptable level of variability for the material samp

Criteria	<p>Commentary</p> <p>Assaying of drill core samples was conducted at ALS in North Vancouver, BC, Canada. Major elements were determined by ICP-OES and minor elements using a 4-acid digestion followed by ICP-OES determination. Gold and silver were determined by 50g fire assay with atomic absorption finish (minimum detection limit 10 ppm) and 50g gravimetric overlimit method at 18 ppm.</p> <p>Sampling and assaying quality control procedures consisted of including certified reference materials (CRMs), coarse residue and pulp duplicates with each batch (at least one of each per assay).</p> <p>Assays of quality control samples were compared with reference samples and verified as acceptable prior to formal use of data from analysed samples.</p> <p>Laboratory quality duplicates including replicates and preparation duplicates were checked and assessed.</p> <p>Prepared pulp splits for mineralized samples were sent to MS Analytical for lab check work by comparable Au and ICP methods to ensure agreement and acceptable results.</p> <p>Analysis of the available quality control sample assay results indicates that precision and precision has been achieved. The database contains no analytical data that has been manipulated.</p> <p>The assaying techniques and quality control protocols used are considered to be appropriate and suitable for reporting exploration drilling results.</p> <p>Sampling intervals defined by the geologist are electronically assigned to core sampling. Corresponding sample numbers matching pre-labelled interval.</p> <p>All sampling and assay information were stored in a secure Acquire database.</p> <p>Sample submission forms providing the sample identification number were submitted to the laboratory. Assay results from the laboratory with corresponding sample numbers were entered into the Acquire database.</p> <p>Assessment of reported significant assay intervals was verified by core and review of high resolution core photography. The verification was completed by company personnel and the Competent Person/Qualified Person.</p> <p>No adjustments are made to assay data, and no twinned holes have mineralisation at various angles.</p> <p>There are no currently known drilling, sampling, recovery, or other factors that affect the accuracy or reliability of the data.</p> <p>All collar coordinates are provided in the North American Datum (NAD83).</p> <p>1080 HBx and Eastern Promises: Underground drill collar locations are marked with spray paint, and a back site and foresight are provided to enable the drill contractor based on the markup and sights, and a TN-14 collar label is placed on the surface prior to drilling. Topographic control is established from 2014 Lidar data.</p> <p>1080 HBx: Drill hole spacing is 15m laterally. Assays have been received for 1080 HBx and the data will be included in the next Mineral Resource update for Brucite Hill in the 2024 financial year, which is insufficient for estimation of a Mineral Resource.</p> <p>Eastern Promises: Drill hole spacing is 30m laterally. Assays have been received for the Eastern Promises and the data will be included in the next Mineral Resource update for Brucite Hill in the 2024 financial year, which is insufficient for estimation of a Mineral Resource.</p> <p>No sample compositing is applied to samples.</p> <p>Drill holes at 1080 HBx are oriented towards 205 degrees in order to intersect the WNW-ESE oriented mineralization domains. Drilling intersected the Eastern Promises Porphyry unit.</p> <p>Drill holes at Eastern Promises are oriented towards 190 and 165 degrees in order to intersect the broadly ENE oriented mineralization domains. Drilling intersected the Eastern Promises Porphyry unit, which is hosted in the Eastern Promises Porphyry.</p>
Quality of assay data and laboratory tests	<p>Laboratory quality duplicates including replicates and preparation duplicates were checked and assessed.</p> <p>Prepared pulp splits for mineralized samples were sent to MS Analytical for lab check work by comparable Au and ICP methods to ensure agreement and acceptable results.</p> <p>Analysis of the available quality control sample assay results indicates that precision and precision has been achieved. The database contains no analytical data that has been manipulated.</p> <p>The assaying techniques and quality control protocols used are considered to be appropriate and suitable for reporting exploration drilling results.</p> <p>Sampling intervals defined by the geologist are electronically assigned to core sampling. Corresponding sample numbers matching pre-labelled interval.</p> <p>All sampling and assay information were stored in a secure Acquire database.</p> <p>Sample submission forms providing the sample identification number were submitted to the laboratory. Assay results from the laboratory with corresponding sample numbers were entered into the Acquire database.</p> <p>Assessment of reported significant assay intervals was verified by core and review of high resolution core photography. The verification was completed by company personnel and the Competent Person/Qualified Person.</p> <p>No adjustments are made to assay data, and no twinned holes have mineralisation at various angles.</p> <p>There are no currently known drilling, sampling, recovery, or other factors that affect the accuracy or reliability of the data.</p> <p>All collar coordinates are provided in the North American Datum (NAD83).</p> <p>1080 HBx and Eastern Promises: Underground drill collar locations are marked with spray paint, and a back site and foresight are provided to enable the drill contractor based on the markup and sights, and a TN-14 collar label is placed on the surface prior to drilling. Topographic control is established from 2014 Lidar data.</p> <p>1080 HBx: Drill hole spacing is 15m laterally. Assays have been received for 1080 HBx and the data will be included in the next Mineral Resource update for Brucite Hill in the 2024 financial year, which is insufficient for estimation of a Mineral Resource.</p> <p>Eastern Promises: Drill hole spacing is 30m laterally. Assays have been received for the Eastern Promises and the data will be included in the next Mineral Resource update for Brucite Hill in the 2024 financial year, which is insufficient for estimation of a Mineral Resource.</p> <p>No sample compositing is applied to samples.</p> <p>Drill holes at 1080 HBx are oriented towards 205 degrees in order to intersect the WNW-ESE oriented mineralization domains. Drilling intersected the Eastern Promises Porphyry unit.</p> <p>Drill holes at Eastern Promises are oriented towards 190 and 165 degrees in order to intersect the broadly ENE oriented mineralization domains. Drilling intersected the Eastern Promises Porphyry unit, which is hosted in the Eastern Promises Porphyry.</p>
Verification of sampling and assaying	<p>Assessment of reported significant assay intervals was verified by core and review of high resolution core photography. The verification was completed by company personnel and the Competent Person/Qualified Person.</p> <p>No adjustments are made to assay data, and no twinned holes have mineralisation at various angles.</p> <p>There are no currently known drilling, sampling, recovery, or other factors that affect the accuracy or reliability of the data.</p> <p>All collar coordinates are provided in the North American Datum (NAD83).</p> <p>1080 HBx and Eastern Promises: Underground drill collar locations are marked with spray paint, and a back site and foresight are provided to enable the drill contractor based on the markup and sights, and a TN-14 collar label is placed on the surface prior to drilling. Topographic control is established from 2014 Lidar data.</p> <p>1080 HBx: Drill hole spacing is 15m laterally. Assays have been received for 1080 HBx and the data will be included in the next Mineral Resource update for Brucite Hill in the 2024 financial year, which is insufficient for estimation of a Mineral Resource.</p> <p>Eastern Promises: Drill hole spacing is 30m laterally. Assays have been received for the Eastern Promises and the data will be included in the next Mineral Resource update for Brucite Hill in the 2024 financial year, which is insufficient for estimation of a Mineral Resource.</p> <p>No sample compositing is applied to samples.</p> <p>Drill holes at 1080 HBx are oriented towards 205 degrees in order to intersect the WNW-ESE oriented mineralization domains. Drilling intersected the Eastern Promises Porphyry unit.</p> <p>Drill holes at Eastern Promises are oriented towards 190 and 165 degrees in order to intersect the broadly ENE oriented mineralization domains. Drilling intersected the Eastern Promises Porphyry unit, which is hosted in the Eastern Promises Porphyry.</p>
Location of data points	<p>1080 HBx and Eastern Promises: Underground drill collar locations are marked with spray paint, and a back site and foresight are provided to enable the drill contractor based on the markup and sights, and a TN-14 collar label is placed on the surface prior to drilling. Topographic control is established from 2014 Lidar data.</p> <p>1080 HBx: Drill hole spacing is 15m laterally. Assays have been received for 1080 HBx and the data will be included in the next Mineral Resource update for Brucite Hill in the 2024 financial year, which is insufficient for estimation of a Mineral Resource.</p> <p>Eastern Promises: Drill hole spacing is 30m laterally. Assays have been received for the Eastern Promises and the data will be included in the next Mineral Resource update for Brucite Hill in the 2024 financial year, which is insufficient for estimation of a Mineral Resource.</p> <p>No sample compositing is applied to samples.</p> <p>Drill holes at 1080 HBx are oriented towards 205 degrees in order to intersect the WNW-ESE oriented mineralization domains. Drilling intersected the Eastern Promises Porphyry unit.</p> <p>Drill holes at Eastern Promises are oriented towards 190 and 165 degrees in order to intersect the broadly ENE oriented mineralization domains. Drilling intersected the Eastern Promises Porphyry unit, which is hosted in the Eastern Promises Porphyry.</p>
Data spacing and distribution	<p>Eastern Promises: Drill hole spacing is 30m laterally. Assays have been received for the Eastern Promises and the data will be included in the next Mineral Resource update for Brucite Hill in the 2024 financial year, which is insufficient for estimation of a Mineral Resource.</p> <p>No sample compositing is applied to samples.</p> <p>Drill holes at 1080 HBx are oriented towards 205 degrees in order to intersect the WNW-ESE oriented mineralization domains. Drilling intersected the Eastern Promises Porphyry unit.</p> <p>Drill holes at Eastern Promises are oriented towards 190 and 165 degrees in order to intersect the broadly ENE oriented mineralization domains. Drilling intersected the Eastern Promises Porphyry unit, which is hosted in the Eastern Promises Porphyry.</p>
Orientation of data in relation to geological structure	<p>Drill holes at Eastern Promises are oriented towards 190 and 165 degrees in order to intersect the broadly ENE oriented mineralization domains. Drilling intersected the Eastern Promises Porphyry unit, which is hosted in the Eastern Promises Porphyry.</p>

Criteria	Commentary
	The security of samples is ensured by tracking samples from drill rig to the Brucejack Core Facility. Samples are transported in secure containers and transported by road to the Brucejack Core Facility. Drill core was delivered from the drill rig to the Brucejack Core Facility. Samples are transported by road to the Brucejack Core Facility. Sample numbers are obtained from pre-made sample tag books, filed in the database. Sample tags are inserted into labelled plastic bags and bagged sample secured with a zip tie.
Sample security	Samples were grouped in sequence into rice bags, then placed into transport offsite. Samples are transported by road to the preparation area.
	Verification of sample numbers and identification is conducted by the sample receipt advice issued to Newcrest.
Audits or reviews	Details of all sample shipments are recorded in a shipment tracking system prior to leaving the Brucejack site. Shipping dates, Hole IDs, sample numbers and sample descriptions are recorded with the dispatch of samples to the laboratory analytical system. The laboratory analytical system uses a workorder template of methods and duplicates by which to process samples. Any discrepancies noted during sample login at the laboratory are resolved. Due to the limited duration of the program, no external audits or reviews were conducted.
Section 2: Reporting of Exploration Results	Internal verification and audit of Newcrest exploration procedures are conducted by the Newcrest exploration team.

Criteria	Commentary
Mineral tenement and land tenure status	Brucejack comprises 346 mineral tenures including former mineral tenures held by Newcrest Mining Ltd.
Exploration done by other parties	All obligations with respect to legislative requirements are in place and standing. Granduc, Esso, Newhawk, Lacana Mining Corp., and Newcrest have held mineral tenures in the Brucejack area between 1960 and 2010.
Geology	Premium Resources acquired the Brucejack Property in 2009 and sold it to the Kings in 2011. North Block and 1080 level were first drilled in 1988 and 2011. The Brucejack Project is located in the Stikine terrane, approximately 100 km west of the town of Stewart. Early Jurassic sedimentary and volcanic rocks are the host rocks for mineralisation. A pervasive quartz-pyrite-sericite alteration is the primary mineralisation. Gold mineralisation at Brucejack consists of quartz veins, and veinlets.
Drill hole information	As provided.
Data aggregation methods	Significant assay intercepts are reported as length-weighted averages using a minimum length of 7.5m, with less than 7.5m of consecutive assay intervals being reported as a single interval. Intervals greater than 100g/t Au. Intervals below a cutoff of 1.0 g/t Au are not reported. Cuts are applied to intercept calculations.
Relationship between mineralisation widths and intercept lengths	Significant assay intervals reported represent apparent widths and are not true widths. They are used to confirm the geological model and true width of significant mineralisation.
Diagrams	As provided.
Balanced reporting	This is the fifth release of Exploration Results for this year. This release covers the period from January 1, 2022 to April 30, 2022. Exploration has been reported by Newcrest since April 2022.
Other substantive exploration data	Exploration drilling programs are ongoing and further releases will be provided by Newcrest.
Further work	Nil.
Drillhole data ⁽¹⁾	Follow up drilling is also being planned for the 1020 Hole.

Brucejack, British Columbia, Canada

Reporting Criteria: Intervals are reported as length-weighted averages using a cut-off of 1.0 g/t Au and a

minimum length of 7.5m, with less than 7.5m of consecutive internal dilution. Also reported are intervals greater than 100g/t Au. Intervals below a cutoff of 1.0gt Au were not reported as significant results. Gold grades are reported to two significant figures. Samples are from core drilling which is HQ in diameter. Core is photographed and logged by the geology team before being whole core sampled and sent for assay. Each assay batch is submitted with duplicates and standards to monitor laboratory quality.

Hole ID	Hole Type	Easting	Northing	RL	TD
VU-4749	DD	426708	6257839	1088	43
VU-4750	DD	426708	6257839	1088	43
VU-4751	DD	426708	6257839	1088	40
VU-4752	DD	426708	6257839	1089	37
VU-4753	DD	426708	6257839	1089	35
VU-4754	DD	426708	6257839	1089	35
VU-4755	DD	426708	6257839	1090	20
VU-4756	DD	426708	6257839	1091	18
VU-4757	DD	426708	6257839	1091	17
VU-4758	DD	426708	6257839	1092	16
VU-4759	DD	426708	6257839	1092	13
VU-4822	DD	426845	6257848	1087	3
VU-4823	DD	426845	6257847	1088	56
VU-4824	DD	426845	6257847	1088	3
VU-4825	DD	426845	6257847	1089	45
VU-4826	DD	426845	6257848	1089	2
VU-4827	DD	426845	6257848	1089	26
VU-4828	DD	426845	6257848	1090	20
VU-4829	DD	426845	6257848	1090	13
VU-4830	DD	426845	6257848	1091	11
VU-4965	DD	426912	6257940	1088	24
VU-4966	DD	426912	6257940	1088	2
VU-4967	DD	426912	6257940	1088	18
VU-4968	DD	426912	6257940	1088	10
VU-4969	DD	426912	6257940	1088	13
VU-4970	DD	426912	6257940	1088	80
VU-4999	DD	427025	6257979	1089	24
VU-5000	DD	427025	6257979	1089	2
VU-5001	DD	427025	6257979	1089	19

Hole ID	Hole Type	Easting	Northing	RL	Depth
VU-5002	DD	427025	6257979	1089	17
VU-5003	DD	427025	6257979	1089	11
VU-5004	DD	427025	6257979	1089	16
VU-5005	DD	427025	6257979	1089	17

¹ # drilling in progress, ^{**}partial intercept, assays pending. [^]updated intercept ^{^^}previously reported intercept

Figure 20. Plan view of the 1080 Level in the VOK, showing Domain 13, Domain 20, and the newly defined HBX Domain. The previously published Pretium resource is outlined in red.

To view an enhanced version of this graphic, please visit:

https://images.newsfilecorp.com/files/7614/163908_a50f66b1f4346851_022full.jpg

Figure 21. Cross section for drill fan 1080_37_WLAT19_33 (location shown on Figure 20) showing all drill holes and significant intercepts. Due to window size (+/- 15m) and section orientation (270°) holes may appear on multiple sections.

To view an enhanced version of this graphic, please visit:

https://images.newsfilecorp.com/files/7614/163908_a50f66b1f4346851_023full.jpg

Figure 22. Cross section for drill fan 1080_37_ELAT17_41_L3 (location shown on Figure 20) showing all drill holes and significant intercepts. Due to window size (+/- 15m) and section orientation (270°) holes may appear on multiple sections.

To view an enhanced version of this graphic, please visit:

https://images.newsfilecorp.com/files/7614/163908_a50f66b1f4346851_024full.jpg

Figure 23. Cross section for drill fan 1080_43_L1 (as shown on Figure 20) showing all drill holes and significant intercepts. Due to window size (+/- 15m) and section orientation (270°) holes may appear on multiple sections.

To view an enhanced version of this graphic, please visit:

https://images.newsfilecorp.com/files/7614/163908_a50f66b1f4346851_025full.jpg

Appendix 3

Spring Peak (Headwater Gold Inc., Farm-In Agreement): JORC Table 1 Section 1: Sampling Techniques and Data

Criteria

Commentary

Core samples are obtained from core drilling. HQ diameter diamond core was sampled at intervals ranging from a minimum of 0.3m to a maximum of 1.68m (5.5ft) in areas of minimal

Sampling techniques

Reverse circulation ("RC") samples are obtained from RC drilling, with sample intervals at the drill site using an industry-standard cyclone and split

Criteria

Commentary

Core drilling was advanced with HQ diameter coring configuration.

Drilling techniques

Core holes are inclined and core oriented on 1.52m runs using an ACTIII). At the end of each run, the bottom of hole position is marked. Orientation mark is then transferred to the entire drill core run length.

RC drilling was carried out using a 14 cm (5.5in) conventional hammer.

Drill sample recovery

Precollar drill holes were advanced from surface using conventional protocols. Upon completion of the RC precollar drilling and precollar from surface to the bottom of the hole. Cased precollars were re-entered and extended as core tails from the bottom of the casing.

Core recovery is systematically recorded from the commencement of drilling against driller's depth blocks in each core tray with data recorded in the system provided the depth, interval of core recovered, and interval of core recovered.

Logging

Core recoveries were typically 100%, with isolated zones of lower recovery rates. Geological logging recorded qualitative descriptions of lithology, alteration, and structure (for all core drilled - 993m; and for all RC samples - 2180m).

Geological logging was conducted at the Spring Peak Project site and transported to the Bureau Veritas processing facility in Sparks, Nevada.

Digital data logging was captured, validated and stored in an SQL database.

All drill core was photographed once sample intervals were established. Sampling, sample preparation and quality control protocols are conducted on all samples.

Cut core HQ samples. Half cut core samples were collected in PVC sample bags with pre-numbered sample tags and grouped into shipping bins for disposal and transport. Sample lengths ranged from 0.57m to 0.8m. Sample sizes were determined by mineralisation.

RC samples were collected at the drill rig at predetermined 1.52 m intervals. Each hole were pre-labeled with sample IDs and footages by Headwater Geoscience for collection. Sample series were verified for completeness in the field and sent to Bureau Veritas for laboratory dispatch.

All drill samples were freighted by road to Bureau Veritas prep facility in Sparks, Nevada.

Sample preparation was conducted at Bureau Veritas facilities in Sparks, Nevada. Sample preparation was carried out at the independent ISO 17025:2017 accredited Bureau Veritas facility in Burnaby, B.C. Samples were dried at 60° C, and crushed to 70% passing 2 mm (method PRP70-250), which was pulverised to produce a pulped product passing 75 μ m (method PUL85).

Duplicate sample data are available from crush and pulp samples and are acceptable for the material sampled and style of mineralisation. Obstruction of samples is addressed with follow-up screen fire assay consisting of a 100 g sample.

Sub-sampling techniques and sample preparation

Criteria	Commentary
Quality of assay data and laboratory tests	<p>Assaying of drill core and RC samples was conducted at Bureau Veritas. Samples were analysed for 59 elements using a 4-acid digestion followed by ICP-MS. Gold analyses were determined by 30g fire assay with ICP-ME finish. Gravimetric analyses are automatical and provide a total assay for gold. Gravimetric analyses are automatical and silver analyses >200 using 30 g pulps (method FA550).</p> <p>Sampling and assaying quality control procedures consisted of including reference materials (CRMs), coarse residue and pulp duplicates with each batch (at least one of each).</p> <p>Assays of quality control samples were compared with reference standards and verified as acceptable prior to formal use of data from analyses.</p> <p>Laboratory quality duplicates including replicates and preparation duplicates were checked in the SQL database and assessed.</p> <p>Analysis of the available quality control sample assay results indicates that the quality of the assay data and precision has been achieved. The database contains no analyses that have been manipulated.</p> <p>The assaying techniques and quality control protocols used are consistent with industry standard and are used for reporting exploration drilling results.</p> <p>Core sampling intervals are defined by the geologist during logging and assigned sample identification numbers prior to core photography, cutting, and sample preparation. Sample labels are affixed in the core box corresponding to each sampled interval and placed in a pre-labelled bag containing the sampled core for assay.</p> <p>RC samples were collected at the drill rig at predetermined 1.52 m intervals. RC samples from the same hole were prelabelled with sample IDs and footages by Headwater Gold. Sample series were verified for completeness in the field and sent to the laboratory for assay.</p> <p>All sampling and assay information are maintained in an off-site secure SQL database.</p> <p>Sample submission forms providing the sample identification numbers are sent to the laboratory. Assay results from the laboratory with corresponding sample identification numbers are entered into the SQL database.</p> <p>No adjustments are made to assay data. Drilling intersects mineralized zones and a diamond core twin of RC drillhole SP21-03 drilled by Headwater Gold. The assay data does not include additional geological information on the Disco Zone structure not available at the time of assay.</p> <p>There are no currently known drilling, sampling, recovery, or other data that would indicate the accuracy or reliability of the data.</p> <p>All collar coordinates are provided in the North American Datum (NAD83) and are accurate to 0.10m.</p> <p>Surface drill collar locations are monumented with a stamped brass collar and surveyed with a Trimble RTX GPS to 0.10m accuracy. Azimuth and inclination were determined using a Trimble Reflex EZ Sprint Gyro continuous survey tool from collar to total depth. A total of 15 drillholes have been completed by Headwater Gold and the data is insufficient for estimation of a Mineral Resource.</p> <p>No sample compositing is applied to samples.</p> <p>A fan of 4 drill holes targeting the Disco Vein zone was drilled from a central location with an azimuth of 330 degrees in order to drill broadly perpendicular to the inferred strike of the zone. The inclination of drill holes ranged from -45 degrees to -73 degrees and were drilled at multiple elevations.</p> <p>Additional exploration drilling comprised 6 widely spaced drillholes targeting the Disco Vein zone with a variety of orientations. All drill holes were designed to be as vertical as possible and perpendicular to inferred strike.</p>
Verification of sampling and assaying	
Location of data points	
Data spacing and distribution	
Orientation of data in relation to geological structure	

Criteria

Commentary

The security of samples is ensured by tracking samples from drill rig to the laboratory. Samples are transported in secure containers using specialized transportation services, and third party laboratories with security procedures in place.

Drill core was delivered from the drill rig to the Hawthorne project office. Drill core was palletised and then transported from Hawthorne to Sparks, Nevada. Samples were tracked using detailed geological logging, high resolution core photography, cutting, and handling by qualified personnel.

Sample numbers are obtained from pre-made sample tag books, filed and recorded in the database. Sample tags are inserted into labelled Protexo fabric bags and the bagged sample secured with a drawstring.

Sample security

Core samples were placed into dedicated sample shipment bins for transport. Samples are transported by truck to the preparation lab where samples are prepared for analysis.

RC samples are transported from drill pads to the Hawthorne project office. RC samples are dispatched to the Bureau Veritas prep facility in Sparks, Nevada using an in-house transport service.

Verification of sample numbers and identification is conducted by the laboratory using sample receipt advice issued to Headwater Gold.

Details of all sample shipments are recorded in chain of custody documents and tracking systems at the project office and analytical laboratories. Shipping dates, submittal IDs, sample ranges, and special instructions are recorded. Dispatch of samples to the laboratory analytical services. Receiving of samples and tracking of methods and duplicates by which to process the samples unless otherwise specified are noted during sample login at the laboratory are communicated and recorded.

Due to the early stage of the exploration program, no external audits have been conducted.

Audits or reviews

Internal reviews of sample handling and preparation are undertaken by the laboratory. Methods, QAQC procedures, sample intervals, and sample recovery are reviewed and assessed as appropriate by an independent Qualified Person, as defined by Canadian Institute of Mining, Metallurgy and Petroleum (CIM) Standards of Disclosure for Mineral Projects.

Section 2: Reporting of Exploration Results

Criteria

Commentary

Spring Peak comprises 359 unpatented lode mining claims and is a 50% interest in a U.S. subsidiary of Headwater Gold with 32 additional unpatented lode mining claims whereby Headwater Gold can obtain a 100% interest. The Farm-in Agreement with CP Holdings Corporation and Headwater Gold is in effect, with Headwater Gold as the initial Manager of the Spring Peak Project.

Mineral tenement and land tenure status

All obligations with respect to legislative requirements are in place and in good standing.

Labradex, Teck, Radius Gold, and OceanaGold conducted the initial exploration work.

Exploration done by other parties

Headwater Gold acquired the Spring Peak Property in a Farm-in Agreement. Headwater Gold intercept in August of 2021. Previously drilling by Labradex and Teck. Previous drilling took place at Spring Peak between 1990 and 2000. The Spring Peak Project is located in the western part of the Spring Valley, Nevada, U.S.A, 38 km southwest of the town of Hawthorne.

Geology

Gold mineralisation is associated with a low-sulfidation epithermal system. The Spring Peak Project is located in the western part of the Spring Valley, Nevada, U.S.A, 38 km southwest of the town of Hawthorne.

Drill hole information

Volcanic Field. Mineralization is hosted in high-angle veins and associated with alteration. Mineralized veins occur in both a Cretaceous and Paleogene metavolcanic rocks into which the granite stock has been emplaced.

Data aggregation methods

As provided.

Primary intervals are reported using 0.2 g/t Au cut off grade. Significant assay intervals reported represent apparent widths.

Relationship between mineralisation widths and intercept lengths

Estimated widths are estimated to be between approximately 60% and 300% of the true width.

Diagrams

As provided.

Criteria	Commentary
Balanced reporting	Exploration drilling programs are ongoing and further Newcrest releases.
Other substantive exploration data	Nil.
Further work	Planned follow up exploration commencing in July, 2010.
Drillhole data ⁽¹⁾	

Spring Peak, Nevada USA

Reporting Criteria: Intervals are reported as length-weighted averages using a cut-off of 0.2 g/t Au and a minimum length of 0.3m, with less than 30% total internal dilution. Also reported are intervals greater than 2.0g/t Au. Intervals below a cutoff of 0.2g/t Au were not reported as significant results. Gold grades are reported to two significant figures. Samples are from RC drilling and core drilling which is HQ in diameter. Core is photographed and logged by the geology team before being half- core sampled and sent for assay. Each assay batch is submitted with duplicates and standards to monitor laboratory quality.

¹ # drilling in progress, **partial intercept, assays pending. ^updated intercept ^^previously reported intercept

Appendix 4

Havieron Project (Greatland Gold Plc - Joint Venture Agreement): JORC Table 1 Section 1: Sampling Techniques and Data

Criteria	Commentary
Sampling techniques	Core samples are obtained from core drilling in Proterozoic basement. A core was drilled on a 6m run. Core was cut using an automated core saw into 1m intervals with breaks for major geological changes. Sampling intervals with breaks in the sequence were not sampled.

Criteria	<p>Commentary</p> <p>Permian Paterson Formation cover sequence was drilled using mud rotary drilling. The cover sequence was observed to approximately 420m vertically below surface. Steel casings were run in the cover sequence and a pre-collar was run in the top of the Paterson Formation.</p>
Drilling techniques	<p>Core drilling was advanced from the base of the cover sequence with a mud rotary configuration.</p>
Drill sample recovery	<p>Core from inclined drill holes is oriented on 3m and 6m runs using ACTIII). At the end of each run, the bottom of hole position is marked with a bottom of hole reference line. Core recovery is systematically recorded from the commencement of each run against driller's depth blocks in each core tray with data recorded in the core log. This provided the depth, interval of core recovered, and interval of core lost.</p>
Logging	<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 recoveries of 100%.</p> <p>Geological logging recorded qualitative descriptions of lithology, alteration, and structure (for all core drilled - 8,835m for 8 drill holes, all intersecting the key geological features).</p> <p>Geotechnical measurements were recorded including Rock Quality Index, solid core recovery and qualitative rock strength measurements.</p> <p>Magnetic susceptibility measurements were recorded every metre. A magnetic susceptibility profile was determined at site on whole core samples.</p> <p>All geological and geotechnical logging was conducted at the Haverton Hill core processing facility.</p> <p>Digital data logging was captured on diamond drill core intervals on the acQuire database.</p> <p>All drill cores were photographed, prior to cutting and/or sampling to document the core quality.</p> <p>The logging is of sufficient quality to support Mineral Resource estimation. Sampling, sample preparation and quality control protocols are consistent with the core sampled.</p> <p>Core was cut and sampled at the Haverton Hill core processing facility. 2.0 m were collected in pre-numbered calico bags and grouped in sample sets. Sample weights typically varied from 0.5 to 8kg. Sample sizes are dependent on mineralisation. Drill core samples were freighted by air and road to the sample preparation facility.</p> <p>Sample preparation was conducted at the independent ISO17025 accredited laboratory (Intertek). Samples were dried at 105°C, and crushed to 95% passing 2mm. A 3kg sub-sample, which was pulverised (using LM5) to produce a product of 95% passing 106µm. Routine grind size analysis is conducted on the sample.</p> <p>Duplicate samples were collected from crush and pulp samples at an acceptable level of variability for the material sampled and style of sample.</p> <p>Periodic size checks (1:20) for crush and pulp samples and sample sets are conducted and recorded in the acQuire database.</p>
Sub-sampling techniques and sample preparation	

Criteria	Commentary
Quality of assay data and laboratory tests	<p>Assaying of drill core samples was conducted at Intertek. All samples were acid digested followed by ICP-AES/ICP-MS determination (method FA50N/AA), which is considered to provide a total assay for gold.</p> <p>Sampling and assaying quality control procedures consisted of including certified reference materials (CRMs), coarse residue and pulp duplicates with each batch (at least one of each).</p> <p>Assays of quality control samples were compared with reference samples to determine if the assay was acceptable prior to use of data from analysed batches.</p>
Verification of sampling and assaying	<p>Laboratory quality control data, including laboratory standards, blank and duplicate samples, are captured in the acQuire database and assessed for accuracy and precision.</p> <p>Extended quality control programs including pulp samples submitted with more extensive re-submission programs have been completed.</p> <p>Analysis of the available quality control sample assay results indicates that accuracy and precision has been achieved and the database contains no anomalies.</p>
Location of data points	<p>The assaying techniques and quality control protocols used are consistent with industry best practice and used for reporting exploration drilling results.</p> <p>Sampling intervals defined by the geologist are electronically assigned to the core cutting. Corresponding sample numbers matching pre-labelled core samples are assigned to each core cutting interval.</p>
Data spacing and distribution	<p>All sampling and assay information were stored in a secure acQuire database.</p> <p>Electronically generated sample submission forms providing the sample number, length and assay value are sent to the laboratory with each submission to the laboratory. Assay results from the laboratory are loaded directly into the acQuire database.</p>
	<p>Assessment of reported significant assay intervals was verified by comparison with high resolution core photography. The verification is completed by company personnel and the Competent Person/Qualified Person.</p> <p>No adjustments are made to assay data, and no twinned holes have been identified.</p>
	<p>There are no currently known drilling, sampling, recovery, or other factors that would affect the accuracy or reliability of the data.</p> <p>Drill collar locations were surveyed using a differential GPS with Global Positioning System (GPS) and all drill holes reported.</p>
	<p>Drill rig alignment was attained using an electronic azimuth aligner. Drill holes are spaced at 10m to 15m intervals in the cover sequence, and every 6 to 30m in diamond drill holes. Single shot surveys were completed using a single shot (Axis Mining Champ Gyro). The single shot surveys have been converted to surface (Axis Mining Champ) along with a selection of drill holes using a DeviGyro tool and a magnetic contactor using a DeviGyro tool - confirming sufficient accuracy for resource estimation.</p>
	<p>A LIDAR survey was completed over the project area in Nov 2019 to create a topographic model for the project with a spatial accuracy of +/- 0.1m. The topography is generally low relief to flat, elevation within the dune areas is Australian Height Datum (AHD) steepening to the southeast. All coordinates are in the Geocentric Datum of Australia (GDA20 Zone 51). All relative depths are in metres above sea level. Within the South-East Crescent and Breccia zone drill hole spacing is approximately 10m to 15m within the resource extents. Outside the initial resource boundary the spacing is in lateral extent within the breccia zone over an area of ~2km². The degree of geological and grade continuity.</p> <p>Significant assay intercepts remain open. Further drilling is required to define mineralisation. No sample compositing is applied to samples.</p>

Criteria	Commentary
	Drill holes exploring the extents of the Havieron mineral system in siliciclastic sedimentary facies, mineralised breccia and sub-vertical has been interpreted from historic and Newcrest drill holes.
Orientation of data in relation to geological structure	<p>Variable brecciation, alteration and sulphide mineralisation is observed 650m x 350m trending in a north west orientation and over 1000m</p> <p>The subvertical southeast high grade arcuate crescent sulphide zone has been defined over a strike length of up to 550m, and extended cover.</p> <p>Drilling direction is oriented to intersect the steeply dipping high-grade intersection angle of greater than 40 degrees. The drilled length of than true width of mineralisation.</p> <p>The security of samples is controlled by tracking samples from drill</p>
	<p>Drill core was delivered from the drill rig to the Havieron core yard and geotechnical logging, core processing was completed by New</p> <p>High resolution core photography and cutting of drill core was under facilities.</p>
Sample security	<p>Samples were freighted in sealed bags by air and road to the Laboratory representatives. Sample numbers are generated directly from the core pre-numbered calico bags.</p> <p>Verification of sample numbers and identification is conducted by the sample receipt advise issued to Newcrest.</p> <p>Details of all sample movement are recorded in a database table. Details of analytical suite requested are recorded with the dispatch of sample. Discrepancies logged at the receipt of samples into the analytical system. Internal reviews of core handling, sample preparation and assays are conducted on a regular basis by both project personnel and owner representatives.</p>
Audits or reviews	<p>In the Competent Person's opinion, the sample preparation, security and handling are consistent with current industry standards and are entirely appropriate for the mineralisation identified and will be appropriate for use in the report of Resource estimates. There are no identified drilling, sampling or reporting adequacy and reliability of the results of the drilling programme in place.</p>

Section 2: Reporting of Exploration Results

Criteria	Commentary
Mineral tenement and land tenure status	The Havieron Project is entirely contained within mining leases held by Greatland Pty Ltd and Newcrest Operations Limited. It is held under a Joint Venture Agreement (effective 30 November 2020) and Farm-In Agreement between Greatland Gold plc and Newcrest. Newcrest is the manager of the Havieron Project (Greatland Gold holds a 30% interest). Newcrest and Jamukurnu-Yapalikurnu Aboriginal Corporation have entered into an ILUA (Indigenous Land Use Agreement) which relates to the use of native title land for Newcrest's mining activities. The ILUA covers a 60km radius around Telfer and includes its exploration and mining activities. The ILUA will apply to any future development activities (including mining by Greatland Gold) at Havieron.
Environmental and social impact	The mining tenement M45/1287 wholly replaces the 100% interest in the exploration tenement on which the Havieron Project was developed. The environmental impact of the project is limited to the mining of the mineral resource and the associated infrastructure. The project is located in a remote area with no significant environmental impact.

Criteria

Exploration done by other parties

Commentary

Newcrest completed six core holes in the vicinity of the Havieron Project. The project completed drill targeting and drilling of nine Reverse Circulation (RC) holes for approximately 6,800m in 2018. Results of drilling programs have not been reported on the Greatland Gold website.

Geology

Drill hole Information

Data aggregation methods

Relationship between mineralisation widths and intercept lengths

Diagrams

Balanced reporting

Other substantive exploration data

Further work

Drillhole data⁽¹⁾

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)	
HAD087W1	MR-DD	464338	7598259	5258	1603.1		222	-70	1485	1505	20	0.67
HAD098W8	MR-DD	463591	7597381	5264	1540.1		38	-61	771	814	43	0.28
HAD098W8								850	874	24	0.28	

HAD098W8+							1011	1049	38	0.77
HAD098W8+							1063	1095	32	0.44
HAD098W8+							1110	1247	137	1.0
HAD098W8							incl. 1229	1231	2.0	45.0
HAD098W8							1287	1309	22	8.1
HAD098W8							incl. 1305	1307	2	71
HAD098W9	MR-DD	463591	7597381	5264	1666.1	38	-61	786	836	50
HAD098W9							incl. 788	798	10	1.3
HAD098W9							945.1	975	29.9	3.9
HAD098W9							967	969	2	52
HAD098W9+							989	1027	38	0.84
HAD098W9+							1138	1210	72	0.29
HAD098W9							1635	1666.1	31.1	4.9
HAD098W9							incl. 1655	1665	10	13
HAD098W9							incl. 1661	1663	2	41
HAD133W10	MR-DD	464072	7598317	5257	1482.9	173	-65			Resource Infill
HAD152W6	MR-DD	463401	7597059	5254	1845.8	33	-64			Assays Pend
HAD159W1	MR-DD	464077	7597252	5260	1621.3	34	-62			Resource Infill
HAD161	MR-DD	463407	7597519	5263	1518.5	38	-61	1018	1054	36
HAD161+							1134	1211	77	0.59
HAD161							1387	1433	46	0.44
HAD161W1	MR-DD	463407	7597519	5263	1618	38	-61	1549	1595	46
HAD164W3	MR-DD	464444	7598227	5258	1738.3	220	-79	1262	1319	57
HAD164W3							incl. 1284	1299	15	1.9
HAD164W3							incl. 1307	1317	10	8.5
HAD164W3							1438	1472	34	0.83
HAD164W3							1512	1555	43	0.25
HAD164W3							1567	1625	58	0.84
HAD164W3							incl. 1611	1621	10	3.5
HAD169	MR-DD	464308	7597211	5260	865	76	-56			No Significant R
HAD170	MR-DD	463275	7598285	5254	780.7	60	-60			No Significant R
HAD171	MR-DD	463672	7596940	5255	1809.6	26	-62			Resource Infill
HAD171W1	MR-DD	463672	7596940	5255	1782.6	26	-62			Resource Infill
HAD172	MR-DD	464463	7598018	5257	1543.2	217	-72			Resource Infill
HAD172W1	MR-DD	464463	7598018	5257	1522	217	-72			Resource Infill
HAD172W2	MR-DD	464463	7598018	5257	1560.1	217	-72			Resource Infill

¹ # drilling in progress, ^{**}partial intercept, assays pending. [^]updated intercept ^{^^}previously reported intercept, ⁺intercept within published resource

Figure 24. 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.

To view an enhanced version of this graphic, please visit:
https://images.newsfilecorp.com/files/7614/163908_a50f66b1f4346851_026full.jpg

Figure 25. Schematic cross section of geology and significant new drillhole intercepts (looking northwest, Section Line S1, +/-50m section width, as shown in Figure 24). Due to section window size and orientation holes may appear on multiple sections. This diagram highlights >50gram metres intersections drilled during the period. Reported drill holes are outside of the existing resource.

To view an enhanced version of this graphic, please visit:
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Figure 26. Schematic cross section of geology and significant new drillhole intercepts (looking northwest, Section Line S2, +/-50m section width, as shown in Figure 24). Due to section window size and orientation holes may appear on multiple sections. This diagram highlights >50gram metres intersections drilled during the period. Reported drill holes are outside of the existing resource.

To view an enhanced version of this graphic, please visit:

https://images.newsfilecorp.com/files/7614/163908_a50f66b1f4346851_028full.jpg

Forward Looking Statements

This document includes forward looking statements and forward looking information within the meaning of securities laws of applicable jurisdictions. Forward looking statements can generally be identified by the use of words such as "may", "will", "expect", "intend", "plan", "estimate", "target", "anticipate", "believe", "continue", "objectives", "outlook" and "guidance", or other similar words and may include, without limitation, statements regarding estimated reserves and resources, internal rates of return, expansion, exploration and development activities and the specifications, targets, results, analyses, interpretations, benefits, costs and timing of them; certain plans, strategies, aspirations and objectives of management, anticipated production, sustainability initiatives, climate scenarios, dates for projects, reports, studies or construction, expected costs, cash flow or production outputs and anticipated productive lives of projects and mines. The Company continues to distinguish between outlook and guidance. Guidance statements relate to the current financial year. Outlook statements relate to years subsequent to the current financial year.

These forward looking statements involve known and unknown risks, uncertainties and other factors that may cause the Company's actual results, performance, and achievements to differ materially from any future results, performance or achievements, or industry results, expressed or implied by these forward looking statements. Relevant factors may include, but are not limited to, changes in commodity prices, foreign exchange fluctuations and general economic conditions, increased costs and demand for production inputs, the speculative nature of exploration and project development, including the risks of obtaining necessary licences and permits and diminishing quantities or grades of resources or reserves, political and social risks, changes to the regulatory framework within which the Company operates or may in the future operate, environmental conditions including extreme weather conditions, recruitment and retention of personnel, industrial relations issues and litigation. For further information as to the risks which may impact on the Company's results and performance, please see the risk factors discussed in the Operating and Financial Review included in the Appendix 4E and Financial Report for the year ended 30 June 2022 and the Annual Information Form dated 14 December 2022 which are available to view at www.asx.com.au under the code "NCM" and on Newcrest's SEDAR profile.

Forward looking statements are based on management's current expectations and reflect Newcrest's good faith assumptions, judgements, estimates and other information available as at the date of this report and/or the date of Newcrest's planning or scenario analysis processes as to the financial, market, regulatory and other relevant environments that will exist and affect Newcrest's business and operations in the future. Newcrest does not give any assurance that the assumptions will prove to be correct. There may be other factors that could cause actual results or events not to be as anticipated, and many events are beyond the reasonable control of Newcrest. Readers are cautioned not to place undue reliance on forward looking statements, particularly in the current economic climate with the significant volatility, uncertainty and disruption caused by global events such as geopolitical tensions and the ongoing COVID19 pandemic. Forward looking statements in this document speak only at the date of issue. Except as required by applicable laws or regulations, Newcrest does not undertake any obligation to publicly update or revise any of the forward looking statements or to advise of any change in assumptions on which any such statement is based.

Ore Reserves and Mineral Resources Reporting Requirements

As an Australian Company with securities listed on the Australian Securities Exchange (ASX), Newcrest is subject to Australian disclosure requirements and standards, including the requirements of the Corporations Act 2001 and the ASX. Investors should note that it is a requirement of the ASX Listing Rules that the

reporting of Ore Reserves and Mineral Resources in Australia is in accordance with the 2012 Edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (the JORC Code) and that Newcrest's Ore Reserve and Mineral Resource estimates and reporting comply with the JORC Code.

Newcrest is also subject to certain Canadian disclosure requirements and standards, as a result of its secondary listing on the Toronto Stock Exchange (TSX), including the requirements of National Instrument 43-101 - Standards of Disclosure for Mineral Projects (NI 43-101). Investors should note that it is a requirement of Canadian securities law that the reporting of Mineral Reserves and Mineral Resources in Canada and the disclosure of scientific and technical information concerning a mineral project on a property material to Newcrest comply with NI 43-101.

Newcrest's material properties are currently Cadia, Lihir, Red Chris and Wafi-Golpu. Copies of the NI 43-101 Reports for Cadia, Lihir and Wafi-Golpu, which were released on 14 October 2020, and Red Chris, which was released on 30 November 2021, are available at www.newcrest.com and on Newcrest's SEDAR profile.

Competent Person's Statement

The information in this document that relates to Exploration Targets, Exploration Results, and related scientific and technical information, is based on and fairly represents information compiled by Mr F. MacCorquodale. Mr MacCorquodale is the General Manager - Greenfields Exploration and a full-time employee of [Newcrest Mining Ltd.](#). He is a shareholder in [Newcrest Mining Ltd.](#) and is entitled to participate in Newcrest's executive equity long term incentive plan, details of which are included in Newcrest's 2022 Remuneration Report. He is a Member of the Australian Institute of Geoscientists. Mr MacCorquodale has sufficient experience which is relevant to the styles of mineralisation and types of deposits under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the JORC Code and as a Qualified Person under NI 43-101. Mr MacCorquodale approves the disclosure of scientific and technical information contained in this document and consents to the inclusion of material of the matters based on his information in the form and context in which it appears.

Authorised by the Newcrest Disclosure Committee

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1 The Exploration Target as at 30 June 2022 has been extracted from Newcrest's release titled "Quarterly Exploration Report" dated 21 July 2022 which is available at www.asx.com.au under the code "NCM" and on Newcrest's SEDAR profile.

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

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

4 Subject to market and operating conditions and no unforeseen delays.

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

6 Data on Aurora past production sourced from MinEx Consulting 2020 Global Deposit Database.

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

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