

# **Newcrest Mining Limited - Quarterly Exploration Report for the three months ended 30 September 2020**

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MELBOURNE, Oct. 28, 2020 -

## Highlights

- Drilling results have returned the best intercept to date at the Havieron Project from infill drilling of the South East Zone with 120.7m @ 9.3g/t Au & 0.18% Cu from 1349.3m, including 26.6m @ 34g/t Au & 0.23% Cu from 1384.4m (HAD065W2).
- A potential new target termed the "Eastern Breccia" has been identified at the Havieron Project.
- Further infill drilling was completed in the period to support the estimation of an initial Inferred Mineral Resource for the December 2020 quarter from the South East Crescent and adjacent breccia mineralisation.
- Exploration activities commenced at the Wilki Project in the Paterson Province.
- Resource definition infill drilling at Red Chris has confirmed the presence of discrete high grade mineralisation in the East Zone.

Newcrest Managing Director and Chief Executive Officer, Sandeep Biswas said "Havieron continues to expand its mine with its best high grade intercept to date of 120.7m @ 9.3g/t gold. Drilling results at Havieron have also identified a potential target termed the Eastern Breccia, highlighting the potential for a new region of breccia development. We expect to deliver an initial Inferred Mineral Resource for Havieron in the December quarter. At Red Chris, drilling results continue to confirm the presence of discrete high grade mineralisation in the East Zone."

Havieron - Significant results since the June Quarterly Exploration Report:

- HAD043W2^^
  - 116.2m @ 2.6g/t Au & 0.65% Cu from 607m
  - Including 18m @ 6.3g/t Au & 0.92% Cu from 671m
- HAD047^^
  - 309m @ 0.99g/t Au & 0.07% Cu from 915m
  - Including 44m @ 3.3g/t Au & 0.15% Cu from 1157m
  - Including 1m @ 100g/t Au & 0.85% Cu from 1158m
- HAD057W5
  - 212m @ 2g/t Au & 0.11% Cu from 981m
  - Including 30.2m @ 5.6g/t Au & 0.17% Cu from 1115m
- HAD065W2\*
  - 120.7m @ 9.3g/t Au & 0.18% Cu from 1349.3m
  - Including 26.6m @ 34g/t Au & 0.23% Cu from 1384.4m
  - Including 6m @ 57g/t Au & 0.06% Cu from 1386m
  - Including 3.4m @ 131g/t Au & 0.06% Cu from 1398.6m
- HAD077^^
  - 127.6m @ 2.0g/t Au & 0.33% Cu from 551m
  - Including 29.8m @ 6.7g/t Au & 0.86% Cu from 616m
- HAD078^^
  - 208.6m @ 1.2g/t Au & 0.22% Cu from 832.4m
  - Including 10.4m @ 4.0g/t Au & 0.11% Cu from 1002.6m
- HAD083
  - 183.7m @ 1.8g/t Au & 0.18% Cu from 1098m
  - Including 17.2m @ 8.8g/t Au & 0.47% Cu from 1165.2m
  - 134m @ 1.4g/t Au & 0.04% Cu from 1529m
  - 98.2m @ 1.9g/t Au & 0.14% Cu from 1677m
  - Including 41.1m @ 3.7g/t Au & 0.1% Cu from 1723.9m
- HAD084
  - 342.2m @ 2.0g/t Au & 0.11% Cu from 1536.8m
  - Including 14m @ 19g/t Au & 0.2% Cu from 1572m
- HAD085\*
  - 74.2m @ 2.0g/t Au and 0.09% Cu from 568.8m
  - Including 19.1m @ 7.0g/t Au & 0.23% Cu from 594m
- HAD089
  - 116m @ 2.9g/t Au & 0.07% Cu from 1136m
  - Including 13m @ 13g/t Au and 0.17% Cu from 1136m

\* partial results, assays pending \*\* partial intercept, assays pending; ^ updated intercept or ^^ previously reported.

Red Chris - Significant results since the June Quarterly Exploration Report:

- RC625:
  - o 426m<sup>^^</sup> @ 0.62g/t Au & 0.48% Cu from 640m
  - o including 76m<sup>^^</sup> @ 1.9g/t Au & 1.2% Cu from 734m
  - o including 60m<sup>^^</sup> @ 2.2g/t Au & 1.3% Cu from 736m
- RC634
  - o 514m<sup>^</sup> @ 1.3g/t Au & 0.77% Cu from 650m
  - o including 202m<sup>^^</sup> @ 2.7g/t Au & 1.3% Cu from 802m
  - o including 166m<sup>^^</sup> @ 3.0g/t Au & 1.5% Cu from 806m
  - o including 26m<sup>^^</sup> @ 8.8g/t Au & 3.4% Cu from 888m
  - o including 12m<sup>^^</sup> @ 12g/t Au & 4.4% Cu from 890m
  - o including 12m<sup>^^</sup> @ 1.5g/t Au & 0.93% Cu from 988m
  - o including 144m<sup>^</sup> @ 0.64g/t Au & 0.48% Cu from 1016m
  - o including 10m<sup>^</sup> @ 1.0g/t Au & 0.71% Cu from 1022m
- RC637:
  - 446m @ 0.51g/t Au & 0.45% Cu from 618m
  - including 134m @ 1.0g/t Au & 0.8% Cu from 692m
  - including 60m @ 1.5g/t Au & 1.1% Cu from 694m
- RC638
  - 488m @ 0.61g/t Au & 0.50 % Cu from 536m
  - including 104m @ 1.0g/t Au & 0.76% Cu from 646m
  - including 54m @ 1.3g/t Au & 0.96% Cu from 668m
  - including 100m @ 1.3g/t Au & 1.0% Cu from 778m
  - including 86m @ 1.5g/t Au & 1.1% Cu from 778m

\*\* partial intercept, assays pending; ^ updated intercept or ^^ previously reported.

#### Havieron Project, Western Australia

The Havieron Project is operated by Newcrest under a farm-in agreement with Greatland Gold Plc. Newcrest has earned a 5% interest in the project and is now progressing Stage 3 work programs, including ongoing exploration drilling and studies on early development options. Newcrest can earn up to a 70% joint venture interest through expenditure of US\$65 million on the completion of a series of exploration and development milestones in a four-stage farm-in over a six year period that commences in May 2019. Newcrest may acquire an additional 5% interest at the end of the farm-in period at fair market value. The farm-in agreement includes tolling principles reflecting the intention of the parties that, subject to a successful exploration program and a feasibility study, 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 area is overlain by more than 420m of post mineral Permian cover. Newcrest commenced drilling during the June 2019 quarter and progressively increased its drilling activities to the extent that up to nine drill rigs are now in operation. A further 34 drill holes and 35,037m of drilling has been completed since 30 June 2020, with all drill holes intersecting mineralisation. This contributes to a total of 111,913m of drilling from 120 drill holes since Newcrest commenced exploration activity in May 2019.

At Havieron, exploration activities have focused on an infill drilling program to support the estimation of an initial Inferred Resource from the South East Crescent and adjacent breccia, expected in the December 2020 quarter, together with surface drilling to define the extents and growth potential of the Havieron mineralised system.

Drilling since May 2019 has outlined an ovoid shaped zone of variable brecciation, alteration and sulphide mineralisation with dimensions of 650m x 350m trending in a north west orientation. Breccia mineralisation was initially identified internal to the Crescent Zone but most recently has been recognised external to the Crescent sulphide zone on the east, northwest and southeast.

Within this ovoid shaped zone (at this stage) exploration has identified four key target regions, which are:

- South East Crescent and Breccia
- North West Crescent
- Northern Breccia
- Eastern Breccia

Within the South East Crescent and Breccia region, infill drilling is focused on a nominal drill spacing of 50m; 100m

and 100m vertically. A total of 73 drill holes have been completed to support the estimation of an initial Inferred Mineral Resource in the December 2020 quarter. The majority of this drilling is located in the upper 600m vertical extent of the zone. Interpretation of the data in the South East Crescent area suggests:

- The upper levels of the system (-170m to -400mRL) have an internal unfolded strike of 550m, an average width of 20m and a height of 230m.
- The mid level of the system (-400m to -600mRL) has an internal unfolded strike of 400m, an average width estimated at 20m and a height of 200m.
- The lower levels (-600m to -900mRL) where drill tested, hosts the Crescent Zone which tapers in strike length to 200m, a width of approximately 20m and a height of 300m.

Infill drilling continues to demonstrate the continuity of higher grade mineralisation within the South East Crescent and includes HAD065W2 which returned 120.7m @ 9.3g/t Au & 0.18% Cu from 1349.3m, including 26.6m @ 34g/t Au & 0.18% Cu from 1384.4m. This result confirms the presence of higher grade shoots within the Crescent Zone and remains open at depth.

In the North West Crescent target, a total of eight drill holes have been completed, of which three have intersected high grade mineralisation as part of the initial growth drilling phase. Results and interpretation from the drilling highlighted:

- The presence of high grade sulphide mineralised zones in three drill holes including:
  - HAD085 returned 74.2m @ 2.0g/t Au & 0.09% Cu from 568.8m, including 19.1m @ 7.0g/t Au & 0.23% Cu from 568.8m
  - HAD089 returned 116m @ 2.9g/t Au & 0.07% Cu from 1136m, including 13m @ 13.0g/t Au & 0.17% Cu from 1136m
- These intercepts follow on from previously reported drill hole HAD066, 82.1m @ 2.4g/t Au & 0.08% Cu from 555.1m
- Further drill testing is required to determine the continuity and extent of the higher grade mineralisation.

Mineralisation on the limbs between the south-east and north-west closure is irregularly developed.

The Northern Breccia has been identified in 15 drill holes to date. Mineralisation is observed from -550 to -850mRL (open to the North West over 300m and between 100-150m in width. Ongoing extensional drilling has confirmed and expanded the footprint of the Northern Breccia hosted mineralisation. Additional drilling is required to understand the grade continuity and metal distribution.

- Additional results from this breccia include:
  - HAD047 returned 309m @ 0.99g/t Au and 0.07% Cu from 915m including 44m @ 3.3g/t Au and 0.15% Cu from 915m, 1157m, and
  - HAD078, 208.6m @ 1.2g/t Au & 0.22% Cu from 832.4m including 10.4m @ 4.0g/t Au & 0.11% Cu from 832.4m

Growth drilling from two drill holes has identified an emerging early-stage target termed the Eastern Breccia. This drilling is encouraging as it highlights the potential for a new region of breccia development not previously recognised and extends the footprint of mineralisation externally to the Crescent sulphide mineralisation.

- Significant results from the initial two drill holes include:
  - HAD083 returned 134m @ 1.4g/t Au & 0.04% Cu from 1529m, and 98.2m @ 1.9g/t Au & 0.14% Cu from 1529m, and 41.1m @ 3.7g/t Au & 0.1% Cu from 1723.9m, and
  - HAD084 returned 342.2m @ 2.0g/t Au & 0.11% Cu from 1536.8m, including 14m @ 19.0g/t Au & 0.2% Cu from 1536.8m
- Additional drilling is required to assess the potential of this new zone of breccia mineralisation.

\* partial results, assays pending \*\* partial intercept, assays pending; ^ updated intercept or ^^ previously reported.

Table 1: Significant Havieron intercepts

Hole ID	From (m)	To (m)	Width (m)	Gold (g/t)	Copper (%)
HAD028W1	939.6	1171	231.4	0.56	0.08
HAD043W2^^607	723.2	116.2	2.6	0.65	
including	671	689	18	6.3	0.92
HAD047^^	915	1224	309	0.99	0.07
including	1157	1201	44	3.3	0.15
including	1158	1159	1	100	0.85
HAD048^^	960.6	1035.9	75.3	1.8	0.17
including	973	1003	30	3.7	0.27
HAD048^^	1141	1222.1	81.1	1.6	0.83
HAD053W1	845.5	889.8	44.3	5.0	0.11
including	847.3	869	21.7	9.9	0.16
HAD053W1	1224	1329.3	105.3	1.4	0.80
including	1245	1276.1	31.1	4.3	1.6
HAD053W2	1046.4	1141	94.6	1.8	0.28
including	1110.3	1122.6	12.2	7.0	0.73
HAD055W1^^890	1061	171	1.5	0.10	
HAD057W5	981	1193	212	2.0	0.11
including	1115	1145.2	30.2	5.6	0.17
HAD065W2*	1349.3	1470	120.7	9.3	0.18
including	1384.4	1411	26.6	34	0.23
including	1386	1392	6	57	0.06
including	1398.6	1402	3.4	131	0.06
HAD069^^	1006	1193	187	0.61	0.10
HAD072^^	543.7	613.2	69.5	1.4	0.50
including	548.8	573.4	24.6	3.5	1.4
HAD074^^	710.9	876.6	165.7	0.62	0.35
HAD075^^	913	1049	136	0.50	0.14
HAD076^^	884.6	997	112.4	0.90	0.08
HAD076^^	1049	1075	26	4.9	0.16
including	1063	1063.7	0.7	178	0.53
HAD077^^					



678.6

127.6







including	616	645.8	29.8	6.7	0.86
HAD078^^	832.4	1041	208.6	1.2	0.22
HAD079^^	1195	1277	82	1.0	0.13
HAD083	1016	1050	34	4.4	0.05
including	1036.5	1048	11.5	13	0.10
HAD083	1098	1281.7	183.7	1.8	0.18
including	1165.2	1182.4	17.2	8.8	0.47
HAD083	1529	1663	134	1.4	0.04
HAD083	1677	1775.2	98.2	1.9	0.14
including	1723.9	1765	41.1	3.7	0.10
HAD084	1536.8	1879	342.2	2.0	0.11
including	1572	1586	14	19	0.20
including	1577.5	1577.8	0.3	637	0.35
HAD085*	568.8	643	74.2	2.0	0.09
including	594	613.1	19.1	7.0	0.23
HAD085*	835	1182.9	347.9	0.44	0.08
HAD085*	1212	1272	60	2.0	0.02
HAD089	697	788	91	1.6	0.21
HAD089	1136	1252	116	2.9	0.07
Refer to Appendix 1 for additional information.					
including	1136	1149	13	0.17	0.17
* partial results, assays pending; ^ partial intercept, assays pending; ^^ updated intercept or ^^ previously reported.					
HAD097W1	621.7	654	32.3	5.4	0.49
Red Chris, British Columbia, Canada	654	654	0	8.6	0.78

Red Chris is a joint venture between Newcrest (70%) and [Imperial Metals Corp.](#) (30%). Newcrest acquired its interest in, and operatorship of, Red Chris on 15 August 2019.

There are two drilling campaigns presently underway at Red Chris. The first is the East Zone Resource Definition program which is designed to obtain geological, geotechnical and metallurgical data to support future studies for underground block cave mining. The second is the Brownfields Exploration program which is focused on the discovery of additional zones of higher grade mineralisation within the Red Chris porphyry corridor. Drilling activity increased during the period with eight diamond drill rigs in operation. A further 34,409m of drilling has been completed since 30 June 2020 from 27 drill holes. All drill holes intersected mineralisation, except eight that were dedicated geotechnical holes. This contributed to a total of 86,366m of drilling from 69 drill holes since Newcrest acquired its interest in the joint venture.

The East Zone Resource Definition program which comprised a further 10 follow up infill drill holes is now complete. Results confirm the presence of multiple discrete high grade pods of mineralisation with infill resource definition hole RC634 returning 514m<sup>^</sup> @ 1.3g/t Au & 0.77% Cu from 650m including 166m<sup>^^</sup> @ 3g/t Au & 1.5% Cu from 806m.

Drilling during the reporting period continued to confirm the footprint of the western high grade pod, which was first intersected in RC616 (previously reported) continued during the reporting period. A program of 100m spaced holes is designed to confirm the lateral and vertical extent. Final results for step-out hole RC625, located 100m south west of RC616 returned 426m<sup>^</sup> @ 0.62g/t Au and 0.48% Cu from 640m including 60m<sup>^</sup> @ 2.2g/t Au and 1.3% Cu from 736m. Results received during the quarter continued to confirm the high grade mineralisation with RC637 located 100m above RC625, returning 446m @ 0.51g/t Au and 0.45% Cu from 618m including 60m @ 1.5g/t Au and 1.1% Cu from 694m. Drilling to define the extent and continuity of this high grade pod is ongoing. These discrete pods (refer to figures 5-9 below) sit within the larger footprint of the overall porphyry system.

The Brownfields Exploration program has been expanded with drilling underway across the East Zone, Main Zone and Gully Zone. The program is following up on historic drilling results along a 3km segment of the porphyry corridor in search for zones of mineralisation which could support additional mining fronts.

A property wide Airborne Electro-Magnetic (AEM) and gravity survey was completed during the period. A high-resolution airborne magnetics survey was also completed over a portion of the property to provide complete coverage. The survey aims to generate drill targets across the entire claim package.

\*\* partial intercept, assays pending; ^ updated intercept or <sup>^^</sup> previously reported.

Table 2: Significant Red Chris intercepts

Hole ID	From (m)	To (m)	Width (m)	Gold (g/t)	Copper (%)
RC625	640	1066	426 <sup>^^</sup>	0.62	0.48
including 734	810	76 <sup>^^</sup>	1.9	1.2	
including 736	796	60 <sup>^^</sup>	2.2	1.3	
RC626	560	1056	496 <sup>^^</sup>	0.55	0.45
including 742	838	96 <sup>^^</sup>	0.95	0.75	
including 746	784	38 <sup>^^</sup>	1.1	0.90	
including 828	838	10 <sup>^^</sup>	2.1	0.97	
including 918	1006	88 <sup>^^</sup>	1.2	0.92	
including 920	970	50 <sup>^^</sup>	1.6	1.2	
including 1028	1048	20 <sup>^^</sup>	0.65	0.60	
and	1068	1234	166 <sup>^^</sup>	0.40	0.34
including 1082	1144	62 <sup>^^</sup>	0.82	0.56	
including 1082	1106	24 <sup>^^</sup>	1.0	0.78	
RC627	600	1172	572 <sup>^^</sup>	0.56	0.48
including 752	898	146 <sup>^^</sup>	0.86	0.57	
including 778	822	44 <sup>^^</sup>	1.2	0.71	
including 910	1034	124 <sup>^^</sup>	0.64	0.68	
including 1048	1156	108 <sup>^^</sup>	0.64	0.53	
including					





12^^







RC628	497	1071	574^^	0.43	0.42
including	631	763	132^^	0.79	0.64
including	663	697	34^^	1.0	0.70
including	923	943	20^^	1.0	0.66
RC631	612	1098	486^^	0.39	0.33
including	758	862	104^^	0.55	0.43
including	886	968	82^^	0.58	0.54
RC632	698	1260	562^^	0.48	0.42
including	856	1012	156^^	0.71	0.49
including	984	1010	26^^	1.1	0.81
including	1024	1038	14^^	0.76	0.94
RC633	582	1156	574^^	0.53	0.44
including	792	914	122^^	0.83	0.69
including	822	870	48^^	1.3	0.97
including	1016	1084	68^^	1.7	1.3
including	1018	1084	66^^	1.8	1.3
RC634	522	628	106^^	0.33	0.41
and	650	1164	514^	1.3	0.77
including	802	1004	202^^	2.7	1.3
including	806	972	166^^	3.0	1.5
including	888	914	26^^	8.8	3.4
including	890	902	12^^	12	4.4
including	988	1000	12^^	1.5	0.93
including	1016	1160	144^	0.64	0.48
including	1022	1032	10^^	1.0	0.71
RC637	618	1064	446	0.51	0.45
including	692	826	134	1.0	0.80
including	694	754	60	1.5	1.1
RC638	536	1024	488	0.61	0.50
including	646	750	104	1.0	0.76
including	668	722	54	1.3	0.96
including					













including 778      864    86      1.5      1.1

Refer to Appendix 2 for additional information

\*\* partial intercept, assays pending; ^ updated intercept or ^^ previously reported.

## GJ Project, British Columbia, Canada

During the September quarter, an airborne geophysical survey of ZTEM and gravity data collection was completed over the entire GJ property. In addition, a collection of high-resolution airborne magnetics commenced over the northern portion of the property. This data will be combined with historical exploration and geological information to define new drill targets for the next summer field season.

## Nevada, USA

At the Jarbidge project in northern Nevada, the US Forest Service Plan of Operations permit was issued covering the Jack Creek area, an early-stage exploration target for low-sulfidation epithermal gold. The US Forest Service permit is valid for a six-year period. Access earthworks and other site preparation commenced during the September quarter and an initial core drilling program consisting of 2,000 to 3,000m is planned for the December quarter.

## Central Andes, Northern Chile

In Chile, exploration activity remained suspended during the September quarter due to the COVID-19 pandemic. At the Gorbea project, an option and farm-in agreement with [Mirasol Resources Ltd.](#), drilling is planned at several target areas for high-sulfidation epithermal gold, including Atlas, Dorado and Titan, when COVID-19 pandemic conditions and local regulations allow.

At the Mioceno project, an option and farm-in agreement with [Cornerstone Capital Resources Inc.](#), initial drill-testing of a high-sulfidation epithermal gold target is planned when COVID-19 pandemic conditions allow field work to resume safely.

At the Altazor high-sulfidation epithermal gold and porphyry project, which is an option and farm-in agreement with [Mirasol Resources Ltd.](#), engagement with the local communities to secure project access will advance when safe interaction with community leaders can resume when COVID-19 pandemic conditions and local regulations allow.

Additionally, the next stage of field work at the Vicuna high-sulfidation epithermal and porphyry-style gold target in Northern Chile will commence when pandemic conditions and local regulations allow. The Vicuna project is an option and farm-in agreement with Compania Minera del Pacifico S.A (CAP).

## Northern Andes, Ecuador

In Ecuador, all exploration activity remains suspended due to the COVID-19 pandemic. The ability to safely resume activities will depend on local conditions and regulations, which will be monitored during the December quarter.

## Wilki Project, Western Australia

The Wilki Project is an exploration farm-in and joint venture with Antipa Minerals Limited (Antipa) which commenced on 11 March 2020. This project forms part of the broader Paterson strategy in this region. The Wilki Project, which is currently managed by Antipa, covers a strategic landholding of ~2,200km<sup>2</sup> surrounding the Telfer operation and is also in close proximity to the Havieron project. Under the next stage of the farm-in, Newcrest has an option to manage future work programs.

Work programs have included an initial AEM survey which was completed during the period. This survey has identified several high priority targets. Cultural heritage surveys have been completed for these targets and drill testing is currently planned for the December 2020 quarter.

## Tanami Province, Northern Territory and Western Australia

No activities were completed in the Tanami Province during the quarter due to COVID-19 restrictions.

#### Tennant East, Northern Territory

Newcrest is the holder of granted titles as well as four application areas in the recently recognised Tennant East domain. Planning for future work programs including drill testing covering the granted title has commenced.

#### Queensland

No activities were completed in the Mt Isa North region or the Bulimba region in north east Queensland.

#### Brownfield Exploration

Brownfields exploration activities within Newcrest's existing mining provinces included:

- Cadia &#8211; There has been no exploration activity completed within the Cadia Mine Corridor, which includes the Newcrest title as well as the Junction Reefs Joint Venture area. Future work programs will be focused within the Junction Reefs Joint Venture area at the Randall's prospect. Data compilation in the Glendale region continues.
- Telfer &#8211; Ranking and prioritising drill targets within the satellite regions south of Telfer has identified the Mobius target for drill testing. Planning for the drilling of Mobius in the December quarter is advanced. Processing of the A-1000 flow in the previous quarter is ongoing.
- Lihir &#8211; No activities were completed due to COVID-19 restrictions.

#### COVID-19 Measures

Newcrest has implemented and maintained measures to reduce and mitigate the risks of the COVID-19 pandemic to its project workforce and key stakeholders. Potential impacts of the COVID-19 pandemic on the drilling activity at all of our exploration projects are being actively managed. There have been no confirmed cases of COVID-19 at Newcrest's exploration projects.

#### Appendix 1

Havieron Project (Greatland Gold plc farm-in agreement): JORC Table 1

#### Section 1 Sampling Techniques and Data

Criteria	Commentary
Sampling techniques	Core samples are obtained from core drilling in Proterozoic basen core was drilled on a 6m run. Core was cut using an automated co intervals with breaks for major geological changes. Sampling inter sequences were not sampled.
Drilling techniques	<p>Permian Paterson Formation cover sequence was drilled using m observed to approximately 420m vertically below surface. Steel ca pre-collar.</p> <p>Core drilling was advanced from the base of the cover sequence v configuration.</p> <p>Core from inclined drill holes are oriented on 3m and 6m runs usir (Reflex ACTIII). At the end of each run, the bottom of hole positio transferred to the whole drill core run length with a bottom of hole</p>
Drill sample recovery	<p>Core recovery is systematically recorded from the commencement against driller's depth blocks in each core tray with data recorded provided the depth, interval of core recovered, and interval of core</p> <p>Core recoveries were typically 100%, with isolated zones of lower</p> <p>Cover sequence drilling by the mud-rotary drilling did not yield rec</p>

<p>Logging</p>	<p>Geological logging recorded qualitative descriptions of lithology, a structure (for all core drilled &amp;#8211; 24,644m from 34 drillholes, a orientation of key geological features.</p> <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 intervals was determined at site on whole core samples.</p> <p>All geological and geotechnical logging was conducted at Haviero</p> <p>Digital data logging was captured on diamond drill core intervals o acQuire database.</p> <p>All drill cores were photographed, prior to cutting and/or sampling</p>
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<p>Sub-sampling techniques and sample preparation</p>	<p>Sampling, sample preparation and quality control protocols are co sampled.</p> <p>Core was cut and sampled at the Telfer and Havieron core proces collected in pre-numbered calico bags and grouped in plastic bags weights typically varied from 0.5 to 4kg. Sample sizes are consid mineralisation. Drill core samples were freighted by air and road to</p> <p>Sample preparation was conducted at the independent ISO17025 (Intertek). Samples were dried at 105°C, and crushed to 95% pas 3kg sub-sample, which was pulverised (using LM5) to produce a p of 95% passing 106?m.</p> <p>Duplicate samples were collected from crush and pulp samples at acceptable level of variability for the material sampled and style of</p> <p>Periodic size checks (1:20) for crush and pulp samples and samp and recorded in the acquire database.</p>
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<p>Quality of assay data and laboratory tests</p>	<p>Assaying of drill core samples was conducted at Intertek. All samples were subjected to 4-acid digestion followed by ICP-AES/ICP-MS determination (metals determined by 50g fire assay with AAS finish (method FA50N/AA).</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 10% of total samples).</p> <p>Assays of quality control samples were compared with reference samples and found to be as acceptable prior to use of data from analysed batches.</p> <p>Laboratory quality control data, including laboratory standards, blank samples and duplicate results are captured in the acQuire database and assessed for accuracy and precision.</p> <p>Extended quality control programs including pulp samples submitted for re-analysis with more extensive re-submission programs have been completed.</p> <p>Analysis of the available quality control sample assay results indicating accuracy and precision has been achieved and the database contains no anomalies or manipulated data.</p> <p>The assaying techniques and quality control protocols used are consistent with industry best practices used for reporting exploration drilling results.</p>
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<p>Verification of sampling and assaying</p>	<p>Sampling intervals defined by the geologist are electronically assigned to the core cutting. Corresponding sample numbers matching pre-labelled intervals.</p> <p>All sampling and assay information were stored in a secure acQuire database.</p> <p>Electronically generated sample submission forms providing the sample details for 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 independent review and assessment 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 been used to assess 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>Location of data points</p>	<p>Drill collar locations were surveyed using a differential GPS with a precision of 1m. All drill holes reported.</p> <p>Drill rig alignment was attained using an electronic azimuth alignment system. Survey intervals in the cover sequence, and every 6 to 30m in diamond drill holes. Single shot (Axis Mining Champ Gyro). The single shot surveys have been used to surface (Axis Mining Champ) along with a selection of drill holes. A contactor using a DeviGyro tool - confirming sufficient accuracy for the survey.</p> <p>Topographic control is established from SRTM (1 second) topographic data. The topography is generally low relief to flat, with an average slope of 1:100 in corridors.</p> <p>All collar coordinates are provided in the Geocentric Datum of Australia. All assay information is reported in Australian Height Datum (AHD).</p>

<p>Data spacing and distribution</p>	<p>The drill hole spacing ranges from 50-100m within the sou... 50-300m in lateral extent within the breccia zone over an area of -</p> <p>Significant assay intercepts remain open. Further drilling is require... defined mineralisation. No sample compositing is applied to samp...</p>
<p>Orientation of data in relation to geological structure</p>	<p>Drill holes exploring the extents of the Havieron mineral system in... siliclastic sedimentary facies, mineralised breccia and sub-vertical... has been interpreted from historic and Newcrest drill holes.</p> <p>Variable brecciation, alteration and sulphide mineralisation is obse... 650m x 350m trending in a north west orientation and over 900m i...</p> <p>The subvertical southeast high grade arcuate crescent sulphide zo... has been defined over a strike length of up to 550m, and over 600...</p> <p>Drilling direction is oriented to intersect the steeply dipping high-gr... intersection angle of greater than 40 degrees. The drilled length o... than true width of mineralisation.</p>
<p>Sample security</p>	<p>The security of samples is controlled by tracking samples from dri...</p> <p>Drill core was delivered from the drill rig to the Havieron core yard... and geotechnical logging, core was transported by vehicle to Telfe... personnel.</p> <p>High resolution core photography and cutting of drill core was und... processing facilities.</p> <p>Samples were freighted in sealed bags by air and road to the Lab... representatives. Sample numbers are generated directly from the... pre-numbered calico bags.</p> <p>Verification of sample numbers and identification is conducted by... sample receipt advise issued to Newcrest.</p> <p>Details of all sample movement are recorded in a database table... analytical suite requested are recorded with the dispatch of sampl... discrepancies logged at the receipt of samples into the analytical s...</p>



Audits or reviews	Due to the limited duration of the program, no external audits or re-verification and audit of Newcrest exploration procedures and data
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Section 2 Reporting of Exploration Results

Criteria	Commentary
Mineral tenement and land tenure status	<p>The Havieron Project is entirely contained within mining tenements owned by Greatland Pty Ltd and Newcrest Operations Limited. An agreement with Greatland Pty Ltd and Greatland Gold has been entered into, whereby Greatland Gold is the Manager of the Havieron Project. The Stage 2 exploration agreement with Greatland Gold has been met.</p> <p>Newcrest has earned a 40% interest in the project and Greatland Gold has a 60% interest. Newcrest has the right to earn up to a 70% interest in the project.</p> <p>Newcrest and the Western Desert Lands Aboriginal Community have entered into an Indigenous Land Use Agreement (ILUA) which relates to the use of native title land for its activities within a 60-km radius around Telfer and Havieron. The parties have agreed that the ILUA will apply to any future exploration activities by Participants (Newcrest and Greatland) at Havieron.</p> <p>The mining tenement M45/1287 wholly replaces the exploration tenement on which the Havieron Project is currently operating. The obligations with respect to legislative requirements in relation to the standing for prior exploration tenement E45/4701.</p>
Exploration done by other parties	<p>Newcrest Mining Limited completed six core holes in 2018. Greatland Gold completed drill targeting and drilling of 10 holes for a total of approximately 6,800m in 2018. Results have previously been reported on the Greatland Gold Report.</p> <p>Drilling has defined an intrusion-related mineral system consisting of a sulphide-hosted higher-grade gold-copper mineralisation.</p>
Geology	<p>The Havieron Project is located within the north-western extension of the Neoproterozoic Paterson Orogen (formerly Paterson Orogen). The Paterson Supergroup hosts the Havieron prospect and consists of a sequence of volcanic and sedimentary rocks and is entirely overlain by approximately 420m of Phanerozoic Quaternary aeolian sediments.</p> <p>Gold and copper mineralisation at Havieron consist of a high-grade gold-copper and copper mineralisation typical of intrusion-related mineralisation hosted by metasedimentary rocks (meta-sandstones and meta-siltstones) of an undetermined age. The main mineral assemblage is pyrite and pyrite sulphide mineral assemblages as breccia and vein mineralisation event is associated with amphibole-carbonate mineralisation. Drilling has partially defined the extents of mineralisation, including a lens-shaped mineralised zone, and to depths of up to -1,100m.</p>
Drill hole Information	As provided.
Data aggregation methods	Significant assay intercepts are reported as (A) length of mineralisation or equal to 10m, with a maximum of 5m consecutive intervals exceeding 0.2g/t Au for greater than or equal to 20m (B) intervals of >30g/t with no internal dilution within the intercept length. No top cuts are applied to intercept calculations.
Relationship between mineralisation widths and intercept lengths	Significant assay intervals reported represent apparent widths of mineralisation and true widths are less than downhole widths. It is possible when all results are received, and final geological model is completed.
Diagrams	

As provided.



<p>Balanced reporting</p>	<p>This is the eleventh release of Exploration Results for the Newcrest project.</p> <ul style="list-style-type: none"> <li>· The initial Newcrest release is dated 25 July 2019.</li> <li>· The second release is dated 10 September 2019.</li> <li>· The third release is dated 24 October 2019.</li> <li>· The fourth release is dated 2 December 2019.</li> <li>· The fifth release is dated 30 January 2020.</li> <li>· The sixth release is dated 11 March 2020.</li> <li>· The seventh release is dated 30 April 2020.</li> <li>· The eighth release is dated 11 June 2020.</li> <li>· The ninth release is dated 23 July 2020.</li> <li>· The tenth release is dated 10 September 2020.</li> </ul> <p>Earlier reporting of exploration programs conducted by Newcrest is reported. Exploration drilling programs are ongoing and will be reported in subsequent Newcrest releases.</p>
<p>Other substantive exploration data</p>	<p>Nil</p>
<p>Further work</p>	<p>Further work is planned to evaluate exploration opportunities. Drilling conducted by Newcrest has confirmed higher grades than defined by prior drilling and extended the depth of open mineralisation. Results of drilling to date indicate the limits of mineralisation to the east, and remain open to the north west, north east and south with eight drill rigs currently in operation.</p>

Drillhole data

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. 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 with no internal dilution which are greater or equal to 30 gram metres (Au\_ppm x length) are tabled. Gold grades are reported to two significant figures, the downhole lengths are rounded to 0.1m which may cause some apparent discrepancies in interval widths. Samples are from core drilling which is PQ, HQ or NQ in diameter. Core is photographed and logged by the geology team before being cut. Half core PQ, HQ and NQ samples are prepared for assay and the remaining material is retained in the core farm for future reference. Each assay batch is submitted with duplicates and standards to monitor laboratory quality. Total depth (end of hole) is rounded to one decimal place for reporting purposes. Collars denoted with a \* show partial results, with further significant assays to be reported in subsequent exploration updates.

Hole ID	Hole Type	Easting (m)	Northing (m)	RL (m)	Total Depth (m)	Azimuth	Dip	From (m)	To (m)	Interval (m)	Au (ppm)	Cu (pct)	Cut off
HAD028W1	MR-DD	464499	7597744	258	1253.4	270	-63	939.6	1171	231.4	0.56	0.08	0.2 g/t Au
								1185	1209.2	24.2	0.39	0.25	0.2 g/t Au
HAD031W1^	MR-DD	464303	7597748	258	1149.8	270	-64	720	773	53	0.79	0.11	0.2 g/t Au
								856	921	65	0.26	0.18	0.2 g/t Au
								1093	1117	24	0.29	0.03	0.2 g/t Au
HAD043W2^	MR-DD	463846	7597368	261	1029.7	45	-58	607	723.2	116.2	2.6	0.65	0.2 g/t Au
								incl 671	689	18	6.3	0.92	1.0 g/t Au
								833.2	863.6	30.5	0.67	0.16	0.2 g/t Au
								885	934	49	0.62	0.18	0.2 g/t Au
								incl 899.4	909.7	10.3	1.9	0.69	1.0 g/t Au
HAD047^	MR-DD	464320	7598168	257	1514.1	225	-59	540	578	38	0.40	0.05	0.2 g/t Au
								785	828.7	43.7	0.75	0.27	0.2 g/t Au
								915	1224	309	0.99	0.07	0.2 g/t Au
								incl 1157	1201	44	3.3	0.15	1.0 g/t Au
								incl 1158	1159	1	100	0.85	30 g/t Au
								1277	1305	28	0.72	0.02	0.2 g/t Au
								1371.5	1422	50.5	0.55	0.05	0.2 g/t Au
1438	1458	20	0.51	0.51	0.2 g/t Au								
HAD048^	MR-DD	464274	7598204	257	1558.4	225	-67	791	832.7	41.7	0.48	0.01	0.2 g/t Au
								960.6	1035.9	75.3	1.8	0.17	0.2 g/t Au
								incl 973	1003	30	3.7	0.27	1.0 g/t Au
								incl 987	988	1	30	0.70	30 g/t Au
								1141	1222.1	81.1	1.6	0.83	0.2 g/t Au
								incl 1169.5	1170.4	0.9	76	0.73	30 g/t Au
HAD053W1	MR-DD	463846	7598077	256	1357	132	-61	845.5	889.8	44.3	5.0	0.11	0.2 g/t Au
								incl 847.3	869	21.7	9.9	0.16	1.0 g/t Au
								incl 849.6	850.3	0.7	50	0.16	30 g/t Au
								incl 858.2	859.4	1.2	70	0.05	30 g/t Au

					1097	1122	25	0.65	0.31	0.2	g/t Au
					1224	1329.3	105.3	1.4	0.80	0.2	g/t Au
					incl 1245	1276.1	31.1	4.3	1.6	1.0	g/t Au
HAD053W2	MR-DD 463846 7598077 256 1219	132			-61 997	1036	39	0.39	0.05	0.2	g/t Au
					1046.4	1141	94.6	1.8	0.28	0.2	g/t Au
					incl 1110.3	1122.6	12.2	7.0	0.73	1.0	g/t Au
HAD055W1^	MR-DD 463714 7597340 263 1452.5	47			-56 890	1061	171	1.5	0.10	0.2	g/t Au
					incl 984.9	997	12.1	4.5	0.04	1.0	g/t Au
HAD057W5	MR-DD 464459 7598026 257 1306.1	225			-55 919.2	966.7	47.5	0.64	0.12	0.2	g/t Au
					incl 948	959	11	1.9	0.14	1.0	g/t Au
					981	1193	212	2.0	0.11	0.2	g/t Au
					incl 1004.1	1021	16.9	4.7	0.08	1.0	g/t Au
					incl 1050	1069	19	2.7	0.12	1.0	g/t Au
					incl 1093	1105	12	3.5	0.10	1.0	g/t Au
					incl 1115	1145.2	30.2	5.6	0.17	1.0	g/t Au
					incl 1138.2	1139	0.8	51	0.69	30	g/t Au
					incl 1152.4	1163	10.6	4.0	0.30	1.0	g/t Au
					1247.8	1273	25.2	0.90	0.03	0.2	g/t Au
HAD065^	MR-DD 463661 7598393 256 1676.2	139			-60 899	949	50	0.31	0.42	0.2	g/t Au
					1052	1077	25	1.3	0.09	0.2	g/t Au
HAD065W1	MR-DD 463661 7598393 256 1811.3	138			-60 1065	1075.5	10.5	2.8	0.14	1.0	g/t Au
					1562.8	1644	81.2	0.43	0.12	0.2	g/t Au
					1659	1687	28	1.8	0.00	0.2	g/t Au
HAD065W2*	MR-DD 463661 7598393 256 1644.9	139			-62 1315	1336.4	21.4	0.39	0.08	0.2	g/t Au
					1349.3	1470	120.7	9.3	0.18	0.2	g/t Au
					incl 1351.1	1362.8	11.7	7.7	0.03	1.0	g/t Au
					incl 1384.4	1411	26.6	34	0.23	1.0	g/t Au
					incl 1386	1392	6	57	0.06	30	g/t Au
					incl 1398.6	1402	3.4	131	0.06	30	g/t Au
					incl 1431.6	1432.5	0.9	77	0.95	30	g/t Au
HAD068W2^	MR-DD 464547 7597081 261 1545.9	323			-55 1131.2	1191.3	60.1	1.3	0.14	0.2	g/t Au
					incl						

1131.9

1153.4







1.0 g/t Au



HAD069 <sup>^</sup>	MR-DD 464439 7598214 257 1327	222	-62 936.4	976.3	39.9	0.57	0.08	0.2	g/t Au
			1006	1193	187	0.61	0.10	0.2	g/t Au
			1219	1249.3	30.3	0.27	0.04	0.2	g/t Au
HAD070 <sup>^</sup>	MR-DD 463473 7597743 258 1021	43	-61 762.4	803	40.6	1.1	0.15	0.2	g/t Au
			incl 787	798	11	1.6	0.25	1.0	g/t Au
HAD072 <sup>^</sup>	MR-DD 464434 7598082 257 708.9	221	-54 543.7	613.2	69.5	1.4	0.50	0.2	g/t Au
			incl 548.8	573.4	24.6	3.5	1.4	1.0	g/t Au
			635.7	665.3	29.6	0.24	0.05	0.2	g/t Au
HAD073 <sup>^</sup>	MR-DD 464254 7598110 256 1177.1	224	-64 497.2	530.6	33.4	0.74	0.06	0.2	g/t Au
			672.3	709	36.7	0.47	0.09	0.2	g/t Au
			762.2	807.7	45.4	0.52	0.29	0.2	g/t Au
			954.9	1030	75.1	0.43	0.08	0.2	g/t Au
HAD074 <sup>^</sup>	MR-DD 464348 7598151 257 1279	223	-59 710.9	876.6	165.7	0.62	0.35	0.2	g/t Au
			891	938.9	47.9	0.25	0.05	0.2	g/t Au
			972	1162	190	0.30	0.06	0.2	g/t Au
HAD074W1	MR-DD 464348 7598151 257 1199.9	223	-59 895.9	938	42.1	0.36	0.04	0.2	g/t Au
			960	1001	41	0.47	0.08	0.2	g/t Au
			1024.4	1098	73.6	0.59	0.10	0.2	g/t Au
			incl 1065	1078	13	1.9	0.28	1.0	g/t Au
			1109	1162	53	0.22	0.06	0.2	g/t Au
HAD075 <sup>^</sup>	MR-DD 464379 7597794 258 1239.9	256	-67 522.5	542.6	20.1	0.39	0.17	0.2	g/t Au
			735.8	779	43.3	0.25	0.06	0.2	g/t Au
			850.5	899.1	48.6	0.55	0.04	0.2	g/t Au
			913	1049	136	0.50	0.14	0.2	g/t Au
HAD076 <sup>^</sup>	MR-DD 464373 7598130 257 1143.5	229	-55 570.1	593	22.9	0.75	0.21	0.2	g/t Au
			676	758	82	0.29	0.05	0.2	g/t Au
			884.6	997	112.4	0.90	0.08	0.2	g/t Au
			1049	1075	26	4.9	0.16	0.2	g/t Au
			incl 1063	1063.7	0.7	178	0.53	30	g/t Au
HAD077 <sup>^</sup>	MR-DD 463964 7597881 257 781.3	126	-60 512	540	28	2.1	0.08	0.2	g/t Au
			incl 527.8	528.4	0.6	88	0.63	30	g/t Au
			551						

678.6

127.6





0.2 g/t Au



		incl616	645.8	29.8	6.7	0.86	1.0	g/t Au
		incl631	631.8	0.8	44	1.3	30	g/t Au
HAD078 <sup>^^</sup>	MR-DD 463575 7598307 255 1173.3 142	-57 604	626	22	0.85	0.24	0.2	g/t Au
		663.9	718.6	54.7	1.1	0.04	0.2	g/t Au
		incl698	714.7	16.8	1.7	0.03	1.0	g/t Au
		729.3	798	68.7	1.2	0.13	0.2	g/t Au
		incl744.3	759	14.7	2.0	0.15	1.0	g/t Au
		832.4	1041	208.6	1.2	0.22	0.2	g/t Au
		incl1002.6	1013	10.4	4.0	0.11	1.0	g/t Au
		1110	1142	32	0.63	0.10	0.2	g/t Au
HAD079 <sup>^^</sup>	MR-DD 463723 7598293 255 1430.6 144	-61 660	727	67	0.46	0.05	0.2	g/t Au
		911	1015	104	0.42	0.04	0.2	g/t Au
		1028.4	1112.2	83.8	0.63	0.11	0.2	g/t Au
		1135	1166	31	0.23	0.04	0.2	g/t Au
		1195	1277	82	1.0	0.13	0.2	g/t Au
		incl1233	1257	24	2.9	0.33	1.0	g/t Au
		1294.2	1323.2	29	0.36	0.02	0.2	g/t Au
		1368	1390	22	0.67	0.04	0.2	g/t Au
HAD080 <sup>^^</sup>	MR-DD 463657 7597508 262 1148.8 46	-60 578	610	32	0.40	0.09	0.2	g/t Au
		760.4	794	33.6	0.32	0.08	0.2	g/t Au
		826.5	851	24.5	0.40	0.05	0.2	g/t Au
		864.8	889	24.2	2.5	0.09	0.2	g/t Au
		incl874.4	875.3	1	50	0.72	30	g/t Au
		934	977.5	43.5	0.84	0.15	0.2	g/t Au
HAD081 <sup>^^</sup>	MR-DD 463407 7597521 263 1366.1 43	-57 1034	1073	39	0.25	0.05	0.2	g/t Au
		1122.8	1170	47.2	0.82	0.21	0.2	g/t Au
HAD082 <sup>^^</sup>	MR-DD 464090 7597791 257 1027.1 303	-66 570	622.6	52.6	0.24	0.07	0.2	g/t Au
		641.4	694	52.7	0.24	0.02	0.2	g/t Au
		740	807.7	67.7	0.28	0.06	0.2	g/t Au
		903.7	951	47.3	1.4	0.03	0.2	g/t Au
HAD083	MR-DD 463543 7597518 262 1791.5 43	-62 734	778	44	0.33	0.07	0.2	g/t Au
		953.1						









0.2 g/t Au





MR-DD

463488

7598056









568.8









0.2 g/t Au



	incl594	613.1	19.1	7.0	0.23	1.0	g/t Au
	659	737	78	0.30	0.04	0.2	g/t Au
	768.7	789.2	20.5	0.28	0.06	0.2	g/t Au
	835	1182.9	347.9	0.44	0.08	0.2	g/t Au
	incl1137	1149.1	12.1	1.2	0.13	1.0	g/t Au

\* partial results, assays pending \*\* partial intercept, assays pending, ^ updated intercept or previously reported.

	incl1234.8	1236	1.2	54	0.02	30	g/t Au
HAD087	MR-DD 464336	7598258	257	1669	222	-70	1234
	1454	1258	24	0.46	0.15	0.2	g/t Au
	1454	1489	35	0.20	0.18	0.2	g/t Au
HAD088	MR-DD 463850	7598074	256	664	186	-58	477
	526	49	0.45	0.07	0.2	g/t Au	
HAD089	MR-DD 464299	7597746	258	1402.2	290	-61	565
	601	36	0.75	0.04	0.2	g/t Au	

Criteria	incl579	601	22	1.0	0.04	1.0	g/t Au
Sampling techniques	697	788	91	1.6	0.21	0.2	g/t Au
Drilling techniques	872	905.1	33.1	0.31	0.07	0.2	g/t Au
Drill sample recovery	917	1018.5	101.5	0.43	0.17	0.2	g/t Au
	1136	1252	116	2.9	0.07	0.2	g/t Au
	incl1147.2	1149	1.8	49	0.17	30	g/t Au
	incl1154.1	1169	6	15.5	4.9	0.18	1.0
	incl1222	1237	15	1.5	0.02	1.0	g/t Au
HAD097W1	MR-DD 464436	7598085	257	798.7	222	-63	621.7
	654	32.3	5.4	0.49	0.2	g/t Au	
	incl631	631	20	8.6	0.14	0.2	g/t Au

incl635 636 1 34 0.35 30 g/t Au

incl639 639.35 0.35 207 1.1 30 g/t Au

<p>Logging</p>	<p>Geological logging recorded qualitative descriptions of lithology, a structure (for all core drilled &amp;#8211; 34,409m in 27 holes &amp;#8211; the exception of eight dedicated geotechnical holes), including ori</p> <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</p> <p>Digital data logging was captured, validated and stored in an acQ</p> <p>All drill cores were photographed, prior to cutting and/or sampling</p>
<p>Sub-sampling techniques and sample preparation</p>	<p>Sampling, sample preparation and quality control protocols are co sampled.</p> <p>Core was cut and sampled at the Red Chris Mine core processing in plastic bags together with pre-numbered sample tags and group laboratory. Sample weights typically varied from 5 to 10kg. Sample style of mineralisation. Drill core samples were freighted by road to</p> <p>Sample preparation was conducted at the independent ISO 9001 Veritas Commodities Canada Ltd Laboratory, Vancouver (Bureau crushed to 95% passing 4.75 mm, and the split to obtain up to 3kg LM2) to produce a pulped product with the minimum standard of 9</p> <p>Duplicate samples were collected from crush and pulp samples at acceptable level of variability for the material sampled and style of</p> <p>Periodic size checks (1:20) for crush and pulp samples and sample and recorded in the acQuire database.</p>

<p>Quality of assay data and laboratory tests</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. Gold was determined by 50g fire assay with ICP-ES finish (method FA350). Silver was determined by Leco (method TC000) and mercury using aqua regia digestion followed by cold vaporization (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 10% of the total samples).</p> <p>Assays of quality control samples were compared with reference samples and results were verified as acceptable prior to use of data from analysed batches.</p> <p>Laboratory quality control data, including laboratory standards, blanks and duplicates, and results are captured in 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 will be undertaken, whereby pulped samples will be submitted to an independent laboratory for extensive re-submission programs.</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 or manipulated data.</p> <p>The assaying techniques and quality control protocols used are consistent with industry best practices used for reporting exploration drilling results.</p>
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<p>Verification of sampling and assaying</p>	<p>Sampling intervals defined by the geologist are electronically assigned to the core cutting. Corresponding sample numbers matching pre-labelled intervals.</p> <p>All sampling and assay information were stored in a secure acquire database.</p> <p>Electronically generated sample submission forms providing the sample details for 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 independent assessment 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 been used to assess 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>Location of data points</p>	<p>Drill collar locations were surveyed using a RTK GPS with GNSS correction.</p> <p>Drill rig alignment was attained using an electronic azimuth alignment system. Downhole survey was collected at 9 to 30m intervals of the drill hole using a Reflex EZ-SHOT). At the end of hole, all holes have been surveyed using a 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 and gullies.</p> <p>All collar coordinates are provided in the North American Datum (NAD83).</p>

<p>Data spacing and distribution</p>	<p>The drill hole spacing ranges from 100 &amp;#8211; 200m in lateral ex Zone.</p> <p>No sample compositing is applied to samples.</p>
<p>Orientation of data in relation to geological structure</p>	<p>Drilling of reported drill holes RC625, RC626, RC627, RC628, RC638 are oriented perpendicular to the intrusive complex. The in orientation, with drilling established on a north-northwest orientati</p> <p>Drill holes exploring the extents of the East Zone mineral system i and sedimentary units cut by sub-vertical intrusive lithologies. Stee east-northeast orientation have been interpreted from historic and</p>
<p>Sample security</p>	<p>The security of samples is controlled by tracking samples from dri</p> <p>Drill core was delivered from the drill rig to the Red Chris Mine cor geotechnical logging, high resolution core photography and cutting Chris core processing facility.</p> <p>Samples were freighted in sealed bags with security tags by road Newcrest representatives.</p> <p>Sample numbers are generated from pre-labelled sample tags. Al plastic bags. Sample tags are inserted into prenumbered plastic b</p> <p>Verification of sample numbers and identification is conducted by sample receipt advise issued to Newcrest.</p> <p>Details of all sample movement are recorded in a database table. analytical suite requested are recorded with the dispatch of sampl discrepancies logged at the receipt of samples into the analytical s</p>
<p>Audits or reviews</p>	<p>Due to the limited duration of the program, no external audits or re</p> <p>Internal verification and audit of Newcrest exploration procedures</p>

Section 2 Reporting of Exploration Results

Criteria	Commentary
<p>Mineral tenement and land tenure status</p>	<p>Red Chris comprises 77 mineral tenures including five subsidiaries of Newcrest Mining Limited (70%) and <a href="#">L</a> Limited is the operator of Red Chris.</p> <p>Newcrest Red Chris Mining Limited and the Tahltan Government, the Tahltan Band and Iskut First Nation Co-Management Agreement (IBCA) covering Red Chris.</p> <p>All obligations with respect to legislative requirements are in standing.</p>
<p>Exploration done by other parties</p>	<p>Conwest Exploration Limited, Great Plains Development Texasgulf Canada Ltd. (formerly Ecstall Mining Limited) Corporation conducted exploration in the areas between 2007 and 2012.</p> <p>Imperial Metals acquired the project in 2007 and completed exploration between 2007 and 2012.</p>
<p>Geology</p>	<p>The Red Chris Project is located in the Stikine terrane north of the town of Dease Lake.</p> <p>Late Triassic sedimentary and volcanic rocks of the Stikine (Jurassic 204?198 Ma) diorite to quartz monzonite stockwork.</p> <p>Gold and copper mineralisation at Red Chris consists of porphyry-style mineralisation. Mineralisation is hosted by the main mineral assemblage contains well developed pyrite as vein and breccia infill, and disseminations. The main alteration is potassium feldspar-magnetite wall rock alteration.</p>
<p>Drill hole information</p>	<p>As provided.</p>
<p>Data aggregation methods</p>	<p>Significant assay intercepts are reported as (A) length-weighted averages exceeding 0.5g/t Au for greater than or equal to 10m of consecutive internal dilution; (C) length-weighted averages exceeding 1g/t Au for greater than or equal to 10m of consecutive internal dilution; (D) length-weighted averages exceeding 1g/t Au for greater than or equal to 10m, with less than 10m of consecutive internal dilution; and (E) length-weighted averages exceeding 1g/t Au for greater than or equal to 10m, with less than 10m of consecutive internal dilution.</p>
<p>Relationship between mineralisation widths and intercept lengths</p>	<p>Significant assay intervals reported represent apparent widths to confirm the geological model and true width of significant mineralisation.</p>



Diagrams	As provided.
Balanced reporting	This is the seventh release of Exploration Results for 10 September 2020. Earlier reporting of exploration p <a href="#">Corp.</a> have previously been reported. Exploration dri will be reported in subsequent Newcrest releases.
Other substantive exploration data	Nil.
Further work	Further drilling is planned to define the extents of the

## Drillhole data

### 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 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 (GRID)	Dip	From (m)	To (m)	Interval (m)	Au (ppm)								
RC625	DD	452126	6396252	1520	1499.5	144	-62	360	380	20 <sup>^</sup>	0.19								
								420	502	82 <sup>^</sup>	0.15								
								640	1066	426 <sup>^</sup>	0.62								
								incl. 734	810	76 <sup>^</sup>	1.9								
								incl. 736	796	60 <sup>^</sup>	2.2								
								incl. 828	872	44 <sup>^</sup>	0.64								
								1282	1322	40 <sup>^</sup>	0.17								
								1360	1416	56 <sup>^</sup>	0.11								
								RC626	DD	452502	6396343	1499	1391	148	-57	338	366	28 <sup>^</sup>	0.22
																424	452	28 <sup>^</sup>	0.11
474	540	66 <sup>^</sup>	0.12																
560	1056	496 <sup>^</sup>	0.55																
incl. 742	838	96 <sup>^</sup>	0.95																
incl. 746	784	38 <sup>^</sup>	1.1																
incl. 828	838	10 <sup>^</sup>	2.1																
incl. 918	1006	88 <sup>^</sup>	1.2																
incl. 920	970	50 <sup>^</sup>	1.6																
incl. 1028	1048	20 <sup>^</sup>	0.65																
1068	1234	166 <sup>^</sup>	0.40																
incl. 1082	1144	62 <sup>^</sup>	0.82																
incl. 1082	1106	24 <sup>^</sup>	1.0																
1282	1302	20 <sup>^</sup>	0.16																
1346	1391	45 <sup>^</sup>	0.12																
RC627	DD	452643	6396523	1471	1299.9	151	-52	464	488	24 <sup>^</sup>	0.11								
								600	1172	572 <sup>^</sup>	0.56								
								incl. 698	708	10 <sup>^</sup>	0.65								
								incl. 752	898	146 <sup>^</sup>	0.86								
								incl. 778	822	44 <sup>^</sup>	1.2								
								incl. 910	1034	124 <sup>^</sup>	0.64								
								incl. 1048	1156	108 <sup>^</sup>	0.64								

								incl. 1074	1086	12 <sup>^^</sup>	1.1
								1262	1290	28 <sup>^^</sup>	0.15
RC628	DD	452756	6396333	1492	1209.3	151	-60	305	339	34 <sup>^^</sup>	0.11
								497	1071	574 <sup>^^</sup>	0.43
								incl. 589	615	26 <sup>^^</sup>	0.66
								incl. 631	763	132 <sup>^^</sup>	0.79
								incl. 663	697	34 <sup>^^</sup>	1.0
								incl. 787	827	40 <sup>^^</sup>	0.53
								incl. 905	949	44 <sup>^^</sup>	0.77
								incl. 923	943	20 <sup>^^</sup>	1.0
								1145	1179	34 <sup>^^</sup>	0.23
RC629	DD	452261	6396538	1467	1485.5	144	-60	Geotechnical Hole - Not Sampled			
RC630	DD	452580	6396361	1492	1428.8	325	-69	Geotechnical Hole - Not Sampled			
RC631	DD	452126	6396252	1520	1493.5	158	-62	326	406	80 <sup>^^</sup>	0.10
								534	554	20 <sup>^^</sup>	0.15
								612	1098	486 <sup>^^</sup>	0.39
								incl. 712	740	28 <sup>^^</sup>	0.56
								incl. 758	862	104 <sup>^^</sup>	0.55
								incl. 886	968	82 <sup>^^</sup>	0.58
								incl. 980	990	10 <sup>^^</sup>	0.58
								1136	1170	34 <sup>^^</sup>	0.11
								1222	1286	64 <sup>^^</sup>	0.37
								1318	1338	20 <sup>^^</sup>	0.36
								1364	1392	28 <sup>^^</sup>	0.10
								1426	1454	28 <sup>^^</sup>	0.10
RC632	DD	452643	6396524	1471	1409.5	149	-57	406	472	66 <sup>^^</sup>	0.16
								698	1260	562 <sup>^^</sup>	0.48
								incl. 798	808	10 <sup>^^</sup>	0.51
								incl. 856	1012	156 <sup>^^</sup>	0.71
								incl. 984	1010	26 <sup>^^</sup>	1.1
								incl. 1024	1038	14 <sup>^^</sup>	0.76
								incl.			















								incl. 1164	1210	46 <sup>^^</sup>	0.69
								1272	1302	30 <sup>^^</sup>	0.14
								1328	1348	20 <sup>^^</sup>	0.10
RC633	DD	452504	6396348	1496	1427.0	147	-62	382	480	98 <sup>^^</sup>	0.25
								incl. 432	446	14 <sup>^^</sup>	0.53
								582	1156	574 <sup>^^</sup>	0.53
								incl. 792	914	122 <sup>^^</sup>	0.83
								incl. 822	870	48 <sup>^^</sup>	1.3
								incl. 1016	1084	68 <sup>^^</sup>	1.7
								incl. 1018	1084	66 <sup>^^</sup>	1.8
								incl. 1114	1138	24 <sup>^^</sup>	0.56
								1212	1288	76 <sup>^^</sup>	0.18
RC634	DD	452443	6396281	1504	1289.6	150	-60	288	348	60 <sup>^^</sup>	0.30
								incl. 322	334	12 <sup>^^</sup>	0.96
								404	452	48 <sup>^^</sup>	0.10
								522	628	106 <sup>^^</sup>	0.33
								incl. 570	620	50 <sup>^^</sup>	0.50
								650	1164	514 <sup>^</sup>	1.3
								incl. 696	716	20 <sup>^^</sup>	0.50
								incl. 802	1004	202 <sup>^^</sup>	2.7
								incl. 806	972	166 <sup>^^</sup>	3.0
								incl. 888	914	26 <sup>^^</sup>	8.8
								incl. 890	902	12 <sup>^^</sup>	12
								incl. 988	1000	12 <sup>^^</sup>	1.5
								incl. 1016	1160	144 <sup>^</sup>	0.64
								incl. 1022	1032	10 <sup>^^</sup>	1.0
								1182	1218	36	0.15
RC635	DD	452998	6396780	1444	1184.2	241	-56	Geotechnical Hole - Not Sampled			
RC636	DD	452733	6396525	1463	900.0	345	-80	Geotechnical Hole - Not Sampled			
RC637	DD	452127	6396252	1519	1396.5	143	-59	318	450	132	0.14
								618	1064	446	0.51
								incl.			















								incl. 694	754	60	1.5
								incl. 840	876	36	0.57
								1084	1130	46	0.11
								1218	1356	138	0.24
RC638	DD	452504	6396347	1495	1259.2	147	-50	300	336	36	0.11
								390	420	30	0.24
								432	454	22	0.12
								536	1024	488	0.61
								incl. 646	750	104	1.0
								incl. 668	722	54	1.3
								incl. 778	878	100	1.3
								incl. 778	864	86	1.5
								incl. 890	900	10	0.69
								incl. 924	954	30	0.56
								1082	1136	54	0.28
								1178	1198	20	0.15
								1212	1250	38	0.13
RC639	DD	452358	6395283	1510	1520.0	328	-58	Assays pending			
RC640	DD	453019	6396267	1481	1308.5	149	-65	Assays pending			
RC641	DD	450713	6394758	1549	1339.8	333	-73	Assays pending			
RC642	DD	450871	6394815	1533	1505.2	328	-65	Assays pending			
RC643	DD	453001	6396780	1444	1101.3	222	-79	Geotechnical Hole - Not Sampled			
RC644	DD	453180	6395986	1464	1190.2	302	-62	Geotechnical Hole - Not Sampled			
RC644W1	DD	453180	6395986	1464	1214.4	302	-62	Geotechnical Hole - Not Sampled			
RC644W2	DD	453180	6395986	1464	1305.9	302	-62	Geotechnical Hole - Not Sampled			
RC645	DD	452127	6396252	1520	1205.5	143	-67	Assays pending			
RC646	DD	452955	6396340	1477	1491.5	144	-63	Assays pending			
RC647	DD	451986	6395998	1558	1501.8	148	-58	Assays pending			
RC648	DD	450889	6395421	1498	1507.9	154	-59	Assays pending			
RC649	DD	452253	6395184	1519	1999.9	328	-58	Assays pending			
RC650	DD	450871	6394815	1533	910.8	330	-52	Assays pending			
RC651											

DD

452393

6395755



1101.6





Geotechnical Hole - Not Sampled



RC658	DD	452279	6396325	1492	1263.7	154	-56	Assays pending
RC659	DD	451553	6394699	1581	1552.6*	328	-48	Assays pending
RC660	DD	451764	6396001	1542	750.0	147	-57	Assays pending
RC660W	DD	451764	6396001	1542	923.3*	151	-57	Assays pending
RC661	DD	452887	6396431	1474	1227.4	144	-61	Assays pending
RC662	DD	450694	6394994	1507	824.2*	150	-64	Assays pending
RC663	DD	452221	6395958	1548	590.2*	67	-59	Geotechnical Hole - Not Sampled
RC664	DD	452279	6396325	1492	522.5*	155	-67	Assays pending
RC665	DD	451983	6395232	1536	380*	325	-59	Assays pending
RC666	DD	451667	6395163	1541	270.9*	326	-55	Assays pending
RC667	DD	452993	6396047	1484	1*	247	-57	Geotechnical Hole - Not Sampled

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

## 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", "anticipate", "believe", "continue", "objectives", "targets", "outlook" and "guidance", or other similar words and may include, without limitation, statements regarding estimated reserves and resources, certain plans, strategies, aspirations and objectives of management, anticipated production, study or construction dates, expected costs, cash flow or production outputs and anticipated productive lives of projects and mines. Newcrest 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 Newcrest's actual results, performance and achievements or industry results 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 reserves, political and social risks, changes to the regulatory framework within which Newcrest 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 Newcrest's results and performance, please see the risk factors included in the Annual Information Form dated 13 October 2020 lodged with ASX and SEDAR.

Forward looking statements are based on Newcrest's good faith assumptions 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 the COVID-19 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 comply 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 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 (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 and Wafi-Golpu.

## 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 &#8211; 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 2020

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

This information is available on our website at [www.newcrest.com](http://www.newcrest.com)

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