

ASX Release: 12 November 2020

DRILLING UPDATE – BINDI AND DASHER DEPOSITS

Highlights

- Diamond drilling program commenced at the Bindi deposit
- Targeting mineralisation down-dip on the folded eastern limb of the deposit
- Assay results received for RC percussion drilling at the Dasher Deposit

Caravel Minerals Limited (ASX: CVV, Caravel or the Company) is pleased to provide an update on the drilling programs currently underway at the Company's flagship Caravel Copper Project.

Diamond drilling has commenced at the Bindi copper deposit. Two deep diamond drill holes are planned for approximately 1,100 metres of drilling, located in the northern hinge zone where thick zones of mineralisation have been defined in both an eastern and western limb of an overturned, north-plunging fold structure. Both holes will test down-dip extensions of the copper mineralisation on the eastern limb and are planned to extend the higher-grade zones in those areas and support an update of the mineral resource estimate for the deposit. The diamond core will also provide geotechnical and additional metallurgical samples for ongoing feasibility studies.

Results have been received for the four reverse circulation (RC) percussion holes recently completed at the Dasher copper-gold deposit, located approximately 5km south of the Bindi deposit. Laboratory assays have confirmed low-grade sulphide copper intersections however the holes failed to intersect the higher-grade zone that was targeted. Further work is planned to improve the model for mineralisation in this area.

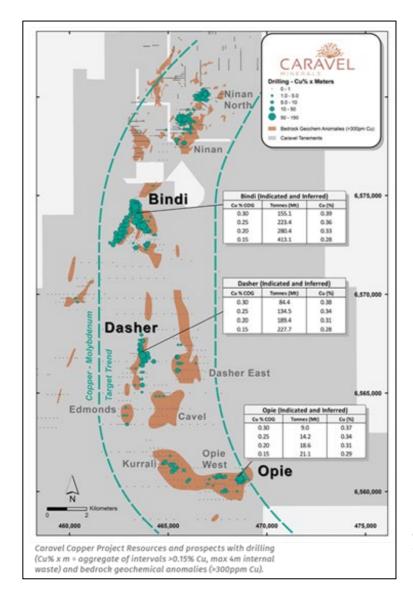


Figure 1: Location diagram of the main prospect areas at the Caravel Copper Project, showing the Bindi and Dasher deposits within the overall mineralised trend.

Bindi Deposit

The Bindi Deposit is the largest known copper resource at the Caravel Copper Project, with an indicated and inferred resource of 223.4Mt @ 0.36% Cu and 76 ppm Mo (at a 0.25% Cu cut-off grade), for a total of approximately 796,000t of contained copper (Appendix I).

Mineralisation at the Bindi deposit is closely associated with a felsic to intermediate granite gneiss and is deformed into an overturned, isoclinal antiformal fold. The western limb strikes NE and dips approximately 45 degrees to the NW, the eastern limb strikes NNE and dips approximately 55 degrees to the west. The antiformal fold axis plunges moderately to the northwest.

Mineralisation varies in true thickness from between 100-150m on the western limb to up to 300m within the eastern limb (Figure 2). The greater thickness on the eastern limb may reflect further parasitic folding of the mineralised high strain zone. Previous drilling has shown that the eastern limb at Bindi is open at depth and the proposed diamond drill holes are designed to test this area.



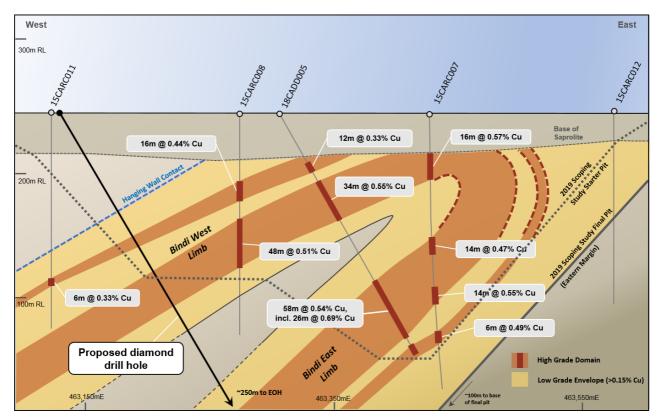


Figure 2: Schematic cross section diagram of the Bindi Deposit (line 6,574,300mN) showing previous drilling intersections, interpreted geology and the projected location of the proposed diamond drill hole.

Dasher Deposit

The Company has completed 4 shallow RC percussion drill holes for a total of 564 metres drilling. The drilling was designed to test a footwall zone of mineralisation that is not well constrained by previous drill holes. Results indicate that weak sulfide copper mineralisation was intersected within the granite gneiss host rock. The distribution of known mineralisation suggests that there may be a structural control within the overall mineralised zone, with the development of higher-grade plunging shoots. In addition, there may be some younger (unmineralised) granite intrusions that cross-cut the deposit.

A summary of all drill hole collar information is presented in Table 1 and hole collar locations are shown on Figure 1. All significant drilling intersections (based on a 0.15% Cu cut-off grade) are shown in Table 2.

Table 1: Drill hole collar details for 2020 RC Percussion Drilling Program

Hole ID	Prospect	Hole Type	Easting (MGA)	Northing (MGA)	Elevation (mASL)	Depth (m)	Dip (°)	Azimuth (°)
20CARC017	Dasher	RC	463581.22	6566900.04	330.56	150	-60	270
20CARC018	Dasher	RC	463550.42	6566996.58	319.25	198	-60	270
20CARC019	Dasher	RC	463478.13	6567297.20	315.57	108	-60	270
20CARC020	Dasher	RC	463411.26	6567151.04	321.01	108	-60	270

Note that collar locations are shown as GDA94 Datum, projected to MGA Zone 50 coordinates. Appropriate rounding of values has been applied.



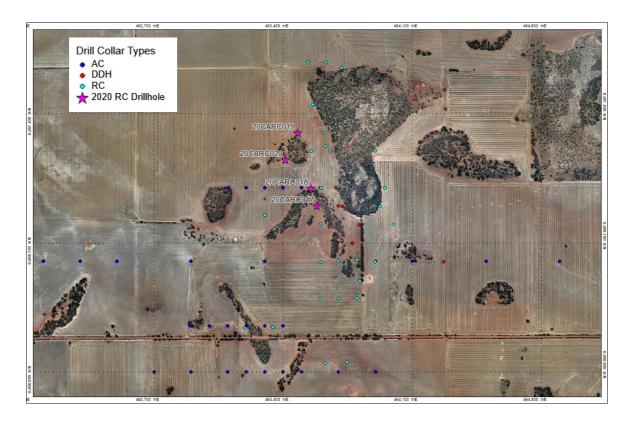


Figure 1: Drill status plan of the Dasher Deposit area showing location of recent RC percussion drill hole collars

Table 2: Mineralised intersections returned from RC percussion drilling at the Ninan deposit

Hole ID	From (m)	To (m)	Interval (m)	Cu (%)	Au (g/t)	Comment
20CARC018	38	50	12	0.17	0.01	Transition
20CARC018	78	96	18	0.17	0.01	Sulfide

Note that intersections are based on a 0.15% Cu cut-off grade and can contain a maximum of 4 metres of internal dilution.

Interval lengths are based on downhole depths and may not represent true width.

Further Work

The results from the drilling at the Dasher deposit and the current drill holes at Bindi deposit will be incorporated into the respective resource estimates for these deposits in due course. Further drilling is required to fully test the geometry of the mineralisation and the Company is assessing this work as part of the feasibility studies for the Caravel Copper Project.

Additional technical work such as downhole logging, geotechnical logging and collection of petrographic and metallurgical samples from the diamond drill core at Bindi will also be undertaken to assist with the ongoing feasibility studies.

The Company is also planning to accelerate the exploration of the regional projects that have recently been generated by the Company in the prospective South West Yilgarn Terrane. Work will be progressively commenced as exploration tenements over these areas are granted and land access is obtained.



This announcement is authorised for release by Managing Director, Steve Abbott.

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About the Caravel Copper Project

Caravel is currently engaged in feasibility studies for the development the Caravel Copper Project (Figure 1), a greenfields copper mining and processing project located 150km north-east of Perth in Western Australia's Wheatbelt region. The project is based on an Indicated and Inferred Mineral Resource of 661.9Mt @ 0.28% Cu (at 0.15% Cu cut-off) for a total of 1.86Mt contained copper, making it one of the largest undeveloped copper resources in Western Australia. A Scoping Study completed in 2019 by Caravel Minerals and MSP Engineering demonstrated a strong economic model for the Project and recommended proceeding with more advanced feasibility studies.

Competent Persons Statements The information in this report that relates to Exploration Results is based on and fairly represents information compiled by Mr Lachlan Reynolds. Mr Reynolds is a consultant to Caravel Minerals and is a member of both the Australasian Institute of Mining and Metallurgy and the Australasian Institute of Geoscientists. Mr Reynolds has sufficient experience of relevance to the styles of mineralisation and types of deposits under consideration, and to the activities undertaken to qualify as Competent Persons as defined in the 2012 Edition of the Joint Ore Reserves Committee (JORC) Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Mr Reynolds consents to the inclusion in this report of the matters based on information in the form and context in which they appear.

The information in this report that relates to Mineral Resources is based on and fairly represents information compiled by Mr Lauritz Barnes, (Consultant with Trepanier Pty Ltd). Mr Barnes is a shareholder of Caravel Minerals. Mr Barnes is a member of both the Australasian Institute of Mining and Metallurgy and the Australasian Institute of Geoscientists. Mr Barnes has sufficient experience of relevance to the styles of mineralisation and types of deposits under consideration, and to the activities undertaken to qualify as Competent Persons as defined in the 2012 Edition of the Joint Ore Reserves Committee (JORC) Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Mr Barnes consents to the inclusion in this report of the matters based on information in the form and context in which they appear.

Previous Disclosure The information in this report is based on the following Caravel Minerals ASX Announcements, which are available from the Caravel Minerals website www.caravelminerals.com.au and the ASX website www.asx.com.au:

- 29 April 2019 "Caravel Copper Resource and Project Update"
- > 7 August 2020 "Drilling to Commence on Higher-Grade Copper-Gold Targets"
- 15 September 2020 "Drilling Update Program Expanded to Dasher"

The Company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcement and that all material assumptions and technical parameters underpinning the relevant market announcement continue to apply and have not materially changed. The Company confirms that the form and context in which the Competent Person's findings are represented have not been materially modified from the original market announcement.

Forward Looking Statements This document may include forward looking statements. Forward looking statements include, but are not necessarily limited to, statements concerning Caravel Minerals planned exploration programmes, studies and other statements that are not historic facts. When used in this document, the words such as "could", "indicates", "plan", "estimate", "expect", "intend", "may", "potential", "should" and similar expressions are forward looking statements. Such statements involve risks and uncertainties, and no assurances can be provided that actual results or work completed will be consistent with these forward looking statements.



APPENDIX I: Mineral Resource Estimate

An updated resource estimate for the Caravel Copper Project was completed in April 2019. The resource included the new RC drill data in the revised structural model of mineralisation. The combined indicated and inferred resource totals 661.9Mt @ 0.28% Cu for 1.86Mt of contained copper (Table 1).

The Mineral Resource estimates were classified as a combination of Indicated and Inferred. The volumes classified as Indicated are based upon geological evidence derived from drilling, sufficient to define geological and grade continuity between drill holes. The tenor of Cu and Mo grade between drill holes demonstrates generally low variability and the identified lower and higher-grade sub-domains within the broader Cu-mineralised domain can clearly be modelled with continuity supported by lithology and multi-element lithochemistry.

The Opie resource was not updated, the figures included for Opie in the new combined resource are taken from the 2016 resource estimate. The Ninan prospect was not included in the revised resource estimate as more work was needed to develop the geological model there and review the historical drill data. No oxide material was included in the resource estimate.

Table 1: April 2019 Mineral Resource Estimate (0.25% Cu cut-off)

Deposit	Classification	Mt	Cu (%)	Mo (ppm)	Cu (t)
Bindi	Measured	-	-	-	-
	Indicated	142.6	0.36	79	513,200
	Inferred	80.8	0.35	69	282,900
	Total	223.4	0.36	76	796,100
Dasher	Measured	-	-	-	-
	Indicated	70.6	0.36	62	250,900
	Inferred	64.0	0.32	61	207,000
	Total	134.5	0.34	62	457,900
Opie	Measured	-	-	-	-
	Indicated	11.6	0.34	39	38,800
	Inferred	2.6	0.34	35	8,700
	Total	14.2	0.34	38	47,500
Total	Measured	-	-	-	-
	Indicated	224.7	0.36	72	802,900
	Inferred	147.3	0.34	65	498,700
	Total	372.1	0.35	69	1,301,600



APPENDIX II: JORC Compliance Table

Section 1 Sampling Techniques and Data

Criteria	JORC Code explanation	Commentary
Sampling techniques	 Nature and quality of sampling (eg cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc). These examples should not be taken as limiting the broad meaning of sampling. Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used. Aspects of the determination of mineralisation that are Material to the Public Report. In cases where 'industry standard' work has been done this would be relatively simple (eg 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay'). In other cases more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (eg submarine nodules) may warrant disclosure of detailed information. 	 Conventional Reverse Circulation (RC) percussion drilling was used to obtain 1 metre samples of approximately 3kg. Samples from each meter were combined to form a 2 metre composite sample for assay. In the laboratory, samples are riffle split to 3.2kg and pulverised to a nominal 85% passing 75 microns to obtain a homogenous sub-sample for assay. Sampling was carried out under Caravel's standard protocols and QAQC procedures and is considered standard industry practice.
Drilling techniques	Drill type (eg core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (eg core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc).	RC drilling was completed using a 5 to 5.5 inch face sampling hammer bit.
Drill sample recovery	 Method of recording and assessing core and chip sample recoveries and results assessed. Measures taken to maximise sample recovery and ensure representative nature of the samples. Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material. 	 RC drill samples recoveries were assessed visually. Recoveries remained relatively consistent throughout the program and are estimated to be 100% for 95% of drilling. Poor (low) recovery intervals were logged and entered into the database. The RC cone splitter and/or riffle splitter was routinely cleaned and inspected during drilling. Care was taken to ensure calico samples were of consistent volume. There is no observed sample bias, nor a relationship observed between grade and recovery.
Logging	Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies.	RC holes were logged geologically, including but not limited to, recording weathering, regolith, lithology, structure, texture, alteration, mineralisation and magnetic susceptibility.

Criteria	JORC Code explanation	Commentary
	 Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography. The total length and percentage of the relevant intersections logged. 	 Logging was at a qualitative and quantitative standard to support appropriate future Mineral Resource studies. Representative material was collected from each metre and stored in a chip tray. These chip trays were transferred to a secure Company facility close to the project area. All holes and all relevant intersections were geologically logged in full.
Sub-sampling techniques and sample preparation	 If core, whether cut or sawn and whether quarter, half or all core taken. If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry. For all sample types, the nature, quality and appropriateness of the sample preparation technique. Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples. Measures taken to ensure that the sampling is representative of the in situ material collected, including for instance results for field duplicate/second-half sampling. Whether sample sizes are appropriate to the grain size of the material being sampled. 	 1 metre RC drill samples were split off the drill rig cyclone into a calico bag using a cone or riffle splitter. For each two meter interval, the 1m split samples were fully combined to make one 2m composite. >95% of the samples were dry in nature. Reverse Circulation samples were weighed, dried, pulverized to 85% passing 75 microns. This is considered industry standard and appropriate. Caravel has its own internal QAQC procedure involving the use of certified reference materials (standards), blanks and field duplicates which accounts for 8% of the total submitted samples. QAQC has been checked with no apparent issues. Field duplicate data suggests there is general consistency in the drilling results. The sample sizes are considered appropriate for the style of base and precious metal mineralisation observed which is typically coarse grained disseminated and stringer sulfides.
Quality of assay data and laboratory tests	 The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total. For geophysical tools, spectrometers, handheld XRF instruments, etc, the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc. Nature of quality control procedures adopted (eg standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (ie lack of bias) and precision have been established. 	 All RC samples were assayed for a multi-element suite using multi-acid (4 acid) digestion with an ICP/OES and/or MS finish and with a 50g Fire Assay for gold with an AAS finish. These techniques are considered appropriate and are industry best standard. The techniques are considered to be total. An internal QAQC procedure involving the use of certified reference materials (standards), blanks and duplicates accounts for 8% of the total submitted samples. The certified reference materials used have a representative range of values typical of low, moderate and high grade copper mineralisation. Standard results for drilling demonstrated assay values are both accurate and precise. Blank results demonstrate there is negligible cross-contamination between samples. Duplicate results suggest there is reasonable repeatability between samples.
Verification of sampling and assaying	 The verification of significant intersections by either independent or alternative company personnel. The use of twinned holes. 	 Verification of significant intersections has been completed by the Caravel database administrator. No dedicated twin holes have yet been drilled for comparative purposes.



Criteria	JORC Code explanation	Commentary
	 Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols. Discuss any adjustment to assay data. 	 Primary data was collected via digital logging hardware using in-house logging methodology and codes. Logging and assay data was sent to the Perth based office where the data is validated and entered into an industry standard master database maintained by the Caravel database administrator. There has been no adjustment to assay data.
Location of data points	 Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation. Specification of the grid system used. Quality and adequacy of topographic control. 	 Hole collar locations have been picked up by independent surveyors using a differential GPS accurate to within ± 3mm. Downhole surveys were completed on all RC holes using a gyro downhole survey tool at downhole intervals of approximately every 30m. The grid system used for location of all drill holes as shown in tables and on figures is MGA Zone 50, GDA94. Hole collar RLs were determined by DGPS accurate to within ±200mm.
Data spacing and distribution	 Data spacing for reporting of Exploration Results. Whether the data spacing and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied. Whether sample compositing has been applied. 	 Drill hole spacing is variable, being on a nominal 100m x 100m grid or a staggered 100m x 50m grid. Drill hole spacing and distribution is considered sufficient as to make geological and grade continuity assumptions appropriate for Mineral Resource estimation. 2 meter sample compositing of the RC drilling was routinely used.
Orientation of data in relation to geological structure	 Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type. If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material. 	 The orientation of drilling and sampling is not considered to have any significant biasing effects. The majority of drill holes are vertical and are interpreted to have obliquely intersected the mineralised structures, which are shallowly dipping.
Sample security	The measures taken to ensure sample security.	 Sample chain of custody is managed by Caravel. Sampling is carried out by Caravel field staff. Samples are stored on site and transported to the Perth laboratory by Caravel employees.
Audits or reviews	The results of any audits or reviews of sampling techniques and data.	No audit or review has been carried out.

Section 2 Reporting of Exploration Results (Criteria listed in the preceding section also apply to this section.)

Criteria	JORC Code explanation	Commentary
Mineral tenement and	Type, reference name/number, location and ownership including agreements or	The results relate to drilling completed on retention licence E70/2788.
land tenure status	material issues with third parties such as joint ventures, partnerships, overriding	The tenement is held 100% by Caravel.
	royalties, native title interests, historical sites, wilderness or national park and	The tenement mainly overlays freehold farming land.
	environmental settings.	



Criteria	JORC Code explanation	Commentary
	The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area.	The tenement is held securely and no impediments to obtaining a licence to operate have been identified.
Exploration done by other parties	Acknowledgment and appraisal of exploration by other parties.	 Discovery of the Dasher deposit was made by Dominion Mining in 2008, following up anomalous copper geochemical results from a roadside sampling program. Programs of aircore, RC percussion and diamond drilling were subsequently completed, along with geological mapping and both surface (IP) and airborne (magnetics) geophysical surveys. Further drilling and feasibility studies were completed as part of a JV with First Quantum Minerals between 2015-2017 and a maiden resource estimate for the deposit was completed in 2016. Caravel Minerals has continued a program of RC percussion and diamond drilling at the deposit, plus further development studies including an updated
Geology	Deposit type, geological setting and style of mineralisation.	 resource estimate, metallurgical testwork and ore sorting testwork. The mineralisation is interpreted to be of porphyry style which occurs within a possible larger scale Archean subduction related geological setting. The deposit and host rocks have been deformed and metamorphosed to upper amphibolite facies. The mineralisation at Dasher typically consists of chalcopyrite + molybdenite, disseminated within a coarse-grained, quartz-feldspar-garnet-biotite gneiss. The mineralisation typically forms broad, folded, tabular zones in the order of 50-100m true thickness and may contain zones of higher grade material with less continuity. Where the mineralised zone is close to surface, oxide (supergene) mineralisation is variably developed as a sub-horizontal zone within the regolith profile.
Drill hole Information	 A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes, including Easting and northing of the drill hole collar, Elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar, dip and azimuth of the hole, down hole length and interception depth plus hole length. If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case. 	All material information is summarised in the tables included in the body of the announcement.
Data aggregation methods	 In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (eg cutting of high grades) and cut-off grades are usually Material and should be stated. 	 Length weighted averages used for reporting of exploration results. No maximum or minimum grade truncations have been applied and a cut-off grade of 0.15% Cu has been applied to significant intersections.



Criteria	JORC Code explanation	Commentary
	 Where aggregate intercepts incorporate short lengths of high grade results and longer lengths of low grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail. The assumptions used for any reporting of metal equivalent values should be clearly stated. 	No metal equivalent values have been reported.
Relationship between mineralisation widths and intercept lengths	 These relationships are particularly important in the reporting of Exploration Results. If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported. If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (eg 'down hole length, true width not known'). 	 RC percussion drill holes reported in this announcement were completed approximately perpendicular to the interpreted dip of the mineralised zones. Down hole lengths are reported and are considered to be close to true width.
Diagrams	 Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported. These should include, but not be limited to a plan view of drill hole collar locations and appropriate sectional views. 	Refer to Figures included in the body of the announcement.
Balanced reporting	Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results.	All significant results are summarised in the body of the announcement.
Other substantive exploration data	Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples – size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.	• None.
Further work	 The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out drilling). Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive. 	 Further RC percussion or diamond drilling may be undertaken to test for lateral or depth extensions of the known mineralisation at Dasher. Completion of a resource estimate update.

