

Diamond Drilling to Commence at Lamil & East Thomson's Dome

- EIS co-funded diamond drill program is scheduled to commence in June 2021 at the 100% owned Lamil and East Thomson's Copper-Gold Projects in the Paterson Province of WA.
- The program will extend a number of RC holes at the Dune Prospect at Lamil which contain strengthening copper-gold mineralisation towards end of hole, including:
 - ETG227 132m @ 0.31g/t Au and 0.11% Cu from 87m to end of hole including:
 - 22m @ 0.51g/t Au and 0.24% Cu from 181m
 - end of hole sample 2m @ 0.35g/t Au and 0.37% Cu from 217m
- Several holes 200m north and south of ETG0227 have defined mineralisation with coppergold mineralisation at end of hole including:
 - 4m @ 0.45g/t Au and 0.14% Cu from 173m in ETG0224
 - end of hole sample 2m @ 0.36g/t Au and 0.38% Cu from 217m
 - o 18m @ 0.32g/t Au from 173m including 2m @ 1.67g/t Au from 179m in ETG0233
 - end of hole sample 2m @ 0.16g/t Au and 0.02% Cu from 229m
- Drilling at East Thomson's Dome (located 5km NW of the Telfer Copper-Gold Mine owned by Newcrest Mining Ltd) designed to extend high grade gold zones intersected at the 45 Reef where prior RC drilling intersected:
 - 6m @ 9.0g/t Au from 178m including:
 - 2m @ 26.0g/t Au from 178m in ETG0045
 - 16m @ 0.6g/t Au from 154m in ETG0044

The directors of Encounter Resources Ltd ("Encounter") are pleased to announce that diamond drilling is scheduled to commence at Lamil and East Thomson's Dome in June 2021.

Commenting on the upcoming drilling program, Encounter Managing Director, Will Robinson said:

"Assays from the broad spaced RC drill program in February 2021 indicate that we are approaching the core of the copper-gold system at Dune. Diamond tails will extend a number of RC holes at Dune commencing in June 2021. With copper-gold mineralisation strengthening towards the end of a number of RC holes we are eager to test in the downhole extents. The program will also seek to extend the high grade 45 Reef identified at East Thomson's Dome located just 5km from Telfer."

Background

Lamil covers an area of ~61km² and is located 25km northwest of the major copper-gold mine at Telfer, owned by Newcrest Mining Ltd (ASX:NCM). Lamil is adjacent to a major regional gravity lineament which marks the location of a significant structure and deformation zone that would have acted as a pathway for ore forming fluids during the formation of the Proterozoic aged deposits.



Dune Prospect (100%)

Dune sits in the northwest of Lamil and consists of a laterally extensive +1g/t Au supergene zone outlined in previous broad spaced drilling. The mineralisation is located on the fold axis in the northern part of the Lamil Dome (Figure 3).

The RC drill program completed in February 2021 at Dune (see Figure 1) was designed to test for extensions of the copper-gold system both to the south and east.

Assay results from three of the 10 holes at Lamil were received in April 2021 and contain strong coppergold intersections including:

- 132m @ 0.31g/t Au and 0.11% Cu from 87m to end of hole in ETG227
 - o including 22m @ 0.51g/t Au and 0.24% Cu from 181m
 - o end of hole sample 2m @ 0.35g/t Au and 0.37% Cu from 217m
- 58m @ 0.20g/t Au and 0.12% Cu from 95m in ETG228
 - o including 18m @ 0.29g/t Au and 0.30% Cu from 95m

(refer ASX announcement 21 April 2021)

Furthermore, assay results from the remaining seven holes from the RC program at Lamil have defined additional zones of anomalism 200m north and south of ETG0227 with copper-gold mineralisation at end of hole including:

- 4m @ 0.45g/t Au and 0.14% Cu from 173m in ETG0224
 - o end of hole sample 2m @ 0.36g/t Au and 0.38% Cu from 217m
- 18m @ 0.32g/t Au from 173m including 2m @ 1.67g/t Au from 179m in ETG0233
 - o end of hole sample 2m @ 0.16g/t Au and 0.02% Cu from 229m

Diamond tails will extend a number of RC holes at Dune to target further extensions of the copper-gold mineralisation. The first tail will be drilled off EPT0227 which is scheduled to commence in June 2021.



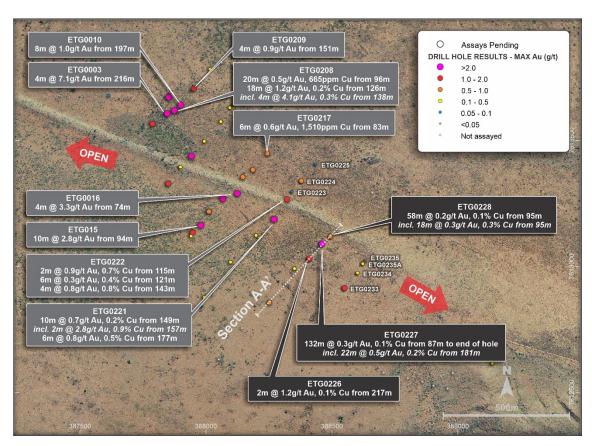


Figure 1 - Dune Prospect (Max in hole Au)

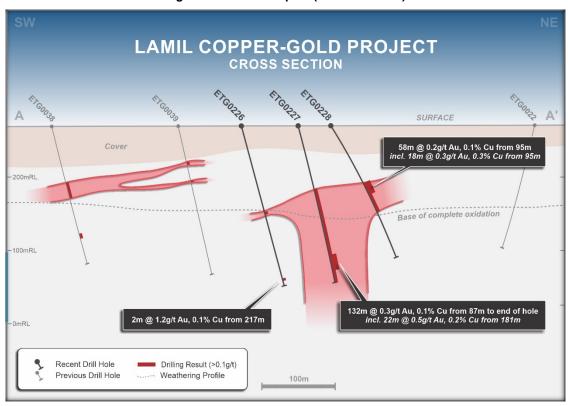


Figure 2 – Dune Prospect cross section through A-A'



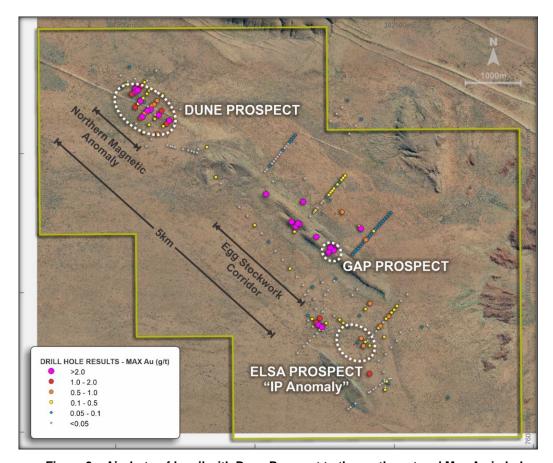


Figure 3 – Airphoto of Lamil with Dune Prospect to the northwest and Max Au in hole

East Thomson's Dome Project

East Thomson's Dome is located 5km from Telfer in the Paterson Province of WA. The domal structure at East Thomson's Dome has a core of Malu Formation with the fold axis trending WNW. The majority of surface gold and reef style mineralisation at East Thomson's Dome has been discovered in the overlying Telfer Formation sediments. This geological setting is similar to that of the high-grade reefs at Telfer.

Broad spaced RC drilling completed at the 45 Reef at East Thomson's Dome intersected:

- 6m @ 9.0g/t Au from 178m including
 - o 2m @ 26.0g/t Au from 178m in ETG0045
- 16m @ 0.6g/t Au from 154m in ETG0044 (refer ASX announcement 16 August 2017)

These results were followed by an aircore drill program targeting the up dip continuation of the 45 Reef. A >700m long surface gold anomaly was identified.

A diamond drill program will be completed at East Thomson's Dome in June/July 2021. The program will target the south west extension of the high-grade reef intersected in ETG0045. Additional drilling is also planned on section and along strike of ETG0045.



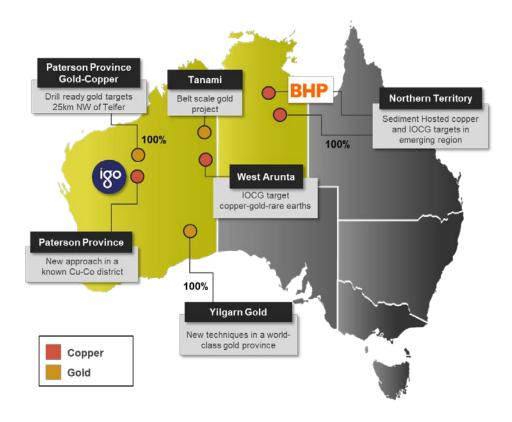
Hole_ID	Hole_Type	MGA_Grid_ID	MGA_East	MGA_North	MGA_RL	Azimuth	Dip	EOH Depth
ETG0223	RC	MGA94_51	388342	7613297	270	40	-75	219
ETG0224	RC	MGA94_51	388379	7613340	270	40	-75	219
ETG0225	RC	MGA94_51	388436	7613406	270	40	-75	189
ETG0226	RC	MGA94_51	388411	7613032	270	40	-75	225
ETG0227	RC	MGA94_51	388461	7613090	270	40	-75	219
ETG0228	RC	MGA94_51	388495	7613120	270	40	-60	201
ETG0233	RC	MGA94_51	388551	7612915	270	40	-75	231
ETG0234	RC	MGA94_51	388602	7612975	270	40	-75	249
ETG0235	RC	MGA94_51	388631	7613019	270	40	-60	117
ETG0235A	RC	MGA94_51	388623	7613011	270	40	-75	208

Table 1: RC drill hole collar locations and drill hole information (ETG0235 was not effective and was re-drilled as ETG0235A)

Hole ID	From (m)	To (m)	Length (m)	Gold (g/t)	Cu (ppm)
ETG0223			nsa		
ETG0224	159	165	6	0.24	562
and	173	177	4	0.45	1407
and	191	193	2	0.21	504
and	199	201	2	0.16	734
and	217	219*	2	0.36	3770
ETG0225			nsa		
ETG0226	149	155	6	0.26	281
and	217	219	2	1.19	670
ETG0227	71	73	2	0.23	158
and	87	219*	132	0.31	1117
incl.	89	91	2	2.98	5730
and	99	101	2	1.20	1680
and	181	203	22	0.51	2404
incl.	181	183	2	1.07	1210
and	185	187	2	1.00	4520
and	197	199	2	1.08	7260
and	217	219*	2	0.35	3700
ETG0228	53	55	2	0.11	426
and	95	153	58	0.20	1188
incl.	95	113	18	0.29	2928
incl.	103	105	2	0.64	19400
ETG0233	93	95	2	0.14	246
and	105	107	2	0.18	174
and	173	191	18	0.32	65
incl.	179	181	2	1.67	96
and	229	231*	2	0.16	174
ETG0234	109	113	4	0.21	271
ETG0235			Not assayed		
ETG0235A	77	79	2	0.22	152
and	177	181	4	0.1	309

Table 2: RC drill hole gold and copper assay results (+0.1g/t Au cutoff). Intervals above 1 g/t Au and/or 1% Cu reported separately.





About Encounter

Encounter Resources Limited is one of the most productive project generation and active mineral exploration companies listed on the Australian Securities Exchange. Encounter's primary focus is on discovering major gold and copper deposits in Australia.

Encounter holds a major ground position in the emerging Paterson Province where it is exploring for copper-gold deposits at its 100% owned Lamil Project and for copper-cobalt deposits at the Yeneena project with highly successful mining and exploration company IGO Limited (ASX:IGO).

Encounter controls a major land position the Tanami region covering over 100km of strike along a major structural corridor and the Aileron copper-gold-rare earths IOCG project in the West Arunta in WA.

In addition, Encounter moved early and aggressively to secure a series of camp scale, first mover opportunities in the Northern Territory ("NT") based on their potential to contain large, sedimentary-hosted and IOCG style copper deposits. This includes the Elliott copper project which is being advanced in partnership with BHP via an earn-in and joint venture.

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The information in this report that relates to Exploration Results is based on information compiled by Mr. Peter Bewick who is a Member of the Australasian Institute of Mining and Metallurgy. Mr. Bewick holds shares and options in and is a full time employee of Encounter Resources Ltd and has sufficient experience which is relevant to the style of mineralisation under consideration to qualify as a Competent Person as defined in the 2012 Edition of the 'Australian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr Bewick consents to the inclusion in the report of the matters based on the information compiled by him, in the form and context in which it appears.

The Company confirms that it is not aware of any new information or data that materially affects the information in the relevant ASX releases and the form and context of the announcement has not materially changed. This announcement has been authorised for release by the Board of Encounter Resources Limited.



SECTION 1 SAMPLING TECHNIQUES AND DATA

Criteria	JORC Code explanation	Commentary
Sampling techniques	Nature and quality of sampling (e.g. 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.	Lamil was sampled by Encounter using RC drilling. A 10-hole program has been completed at the Dune prospect on 3 separate 200m spaced drill lines.
	Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used	Drill hole collar locations were recorded by handheld GPS, which has an estimated accuracy of +/- 5m.
	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 (e.g. '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 (e.g. submarine nodules) may warrant disclosure of detailed information	Reverse circulation drilling was used to obtain 1-3 kg samples every 1m downhole and composited into 2m samples. The samples from the drilling will be sent to Bureau Veritas Minerals Pty Ltd Laboratories in Perth, where they were dried, crushed, pulverised and split to produce a sub – sample for Fire Assay and 4 mixed acid digest ICP – OES and ICP – MS analysis.
Drilling techniques	Drill type (e.g. core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (e.g. 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).	The RC holes were drilled using 5 1/4" face sampling.
Drill sample recovery	Method of recording and assessing core and chip sample recoveries and results assessed	RC sample recoveries were estimated as a percentage and recorded by Encounter field staff.
	Measures taken to maximise sample recovery and ensure representative nature of the samples	Driller's used appropriate measures to minimise down-hole and/or cross – hole contamination in RC drilling. Where contamination of the sample was suspected this was noted by Encounter field staff as a percentage.
	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.	To date, no detailed analysis to determine the relationship between sample recovery and/or and grade has been undertaken for this drill program.



Criteria	JORC Code explanation	Commentary		
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.	Geological logging has been completed on all drill holes, with lithology, alteration, mineralisation, structure and veining recorded.		
	Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.	Geological logging is qualitative in nature and records interpreted lithology, alteration, mineralisation, structure, veining and other features of the samples.		
	The total length and percentage of the relevant intersections logged	All drill holes have been logged in full by Encounter geologists.		
Sub-sampling techniques and sample preparation	If core, whether cut or sawn and whether quarter, half or all core taken.	No core was drilled in this program.		
	If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.	RC samples were collected on the rig using a cone splitter. Samples were recorded as being dry, moist or wet by Encounter field staff.		
	For all sample types, the nature, quality and appropriateness of the sample preparation technique.	Sample preparation will be completed at Bureau Veritas Minerals Pty Ltd Laboratories in Perth. Samples will be dried, crushed, pulverised (90% passing at a ≤75µM size fraction) and split into a sub – sample that will be analysed using fire assay and 4 acid mixed digest with an ICP – OES and ICP – MS finish.		
	Quality control procedures adopted for all sub- sampling stages to maximise representivity of samples.	Field QC procedures involve the use of commercial certified reference materials (CRMs) and in-house blanks. The insertion rate of these will be at an average of 1:33.		
	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.	Field duplicates were taken during RC drilling and were collected on the rig via a cone splitter at a rate of 1:50. The results from these duplicates are assessed on a periodical basis.		
	Whether sample sizes are appropriate to the grain size of the material being sampled.	The sample sizes are considered appropriate to give an accurate indication of the mineralisation at Lamil.		
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.	The samples will be analysed by ICP using a 4 mixed acid digest including Hydrofluoric, Nitric, Hydrochloric and Perchloric Acids. This extended digest approaches a total digest for many elements however some refractory minerals are not completely attacked. Assays will be determined by Inductively Coupled Plasma (ICP) Optical Emission Spectrometry (OES)(AI, Ca, Cr, Cu, Fe, K, Mg, Mn, Na, Ni, P, S, Sc, Ti, V, Zn) and ICP – Mass Spectrometry(MS) (Ag, As, Bi, Cd, Co, Ga, Hf, In, La, Mo, Nb, Pb, Rb, Sb, Sn, Sr, Ta, Te, Th, TI, U, W, Y, Zr). Au, Pt and Pd will be determined via Fire Assay.		
	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.	Not applicable as no geophysical instruments were used in determining these results		
	Nature of quality control procedures adopted (e.g. standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (i.e. lack of bias) and precision have been established.	Laboratory QAQC involves the use of internal lab standards using certified reference material, blanks, splits and replicates as part of in-house procedures. Encounter also submitted an independent suite of CRMs, blanks and field duplicates (see above). A formal review of this data is completed on a periodic basis.		



Criteria	JORC Code explanation	Commentary
Verification of sampling and assaying	The verification of significant intersections by either independent or alternative company personnel.	The intersections included in this report have been verified by Mark Brodie (Senior Exploration Geologist)
	The use of twinned holes.	No twinned holes have been drilled.
	Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.	Primary data is collected for Lamil on toughbook computers using Excel templates and Maxwell Geoservice's LogChief software. Data collected will be sent offsite to Encounter's Database (Datashed software), which is backed up daily.
	Discuss any adjustment to assay data.	No adjustments have been made to the assay data
Location of data points	Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches,	Drill hole collar locations are determined using a handheld GPS.
	mine workings and other locations used in Mineral Resource estimation.	Down hole surveys were collected during this drilling program utilizing a EZ gyro instrument
	Specification of the grid system used.	The grid system used is MGA_GDA94, zone 51.
	Quality and adequacy of topographic control.	RLs will be corrected using a DTM created during the aeromagnetic survey.
Data spacing and distribution	Data spacing for reporting of Exploration Results.	The 10 holes completed in this program at the Dune prospect were drilled on 200m spaced drill lines and approx. 80m spaced holes for 2077m. ETG235A was a re-drill of ETG235 that ended at 117m due to a blow out of the collar.
	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.	Mineralisation has not yet been demonstrated as sufficient in both geological and grade continuity for the appropriate Mineral Resource and Ore Reserve estimation procedure(s) and classifications to be applied.
	Whether sample compositing has been applied.	RC drill samples from this program were composited into 2m samples.
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.	N/A – this is early stage drilling and the orientation of sampling to the mineralisation is not known.
	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.	This is early stage drilling and the orientation of sampling to the mineralisation is not known.
Sample security	The measures taken to ensure sample security.	The chain of custody is managed by Encounter. Samples were delivered from site by DDH-1 and transported to the assay laboratory.
Audits or reviews	The results of any audits or reviews of sampling techniques and data.	Sampling techniques and procedures are regularly reviewed internally, as is data. To date, no external audits have been completed on Lamil data.



SECTION 2 REPORTING OF EXPLORATION RESULTS			
Criteria	JORC Code explanation	Commentary	
Mineral tenement and land tenure status	Type, reference name/number, location and ownership including agreements or material issues with third parties including joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings.	The Lamil project is located within the tenement E45/4613 which is 100% held by Encounter. The prospect area is subject to a production royalty of A\$1 per dry metric tonne of ore mined. This tenement is contained completely within land where the Martu People have been determined to hold native title rights. No historical or environmentally sensitive sites have been identified in the area of work.	
Exploration done by other parties	Acknowledgment and appraisal of exploration by other parties.	The majority of historical exploration activity at Lamil was completed during a Newmont / BHP / WMC joint venture in the mid-1980s with Newmont as operator. Newmont completed a regional aeromagnetic and radiometric survey in 1984 and colour photography survey. 144 rock chip samples and a bulk stream sediment sampling was also completed prior to a 15 hole RC drill program (total of 756m, LSR series) targeting the Upper Malu/ Puntapunta contact. RC Holes were drilled on four 400m spaced sections at ~40m spacing on the north-east side of the interpreted dome. No mineralized reef positions were identified in this program. In 1985, Newmont completed 4 diamond holes (LSPC 1-4) for a total of 391m in the south of the dome testing separate magnetic anomalies. Drilling returned encouraging results with Au-Cu-W 'skarn style' mineralization hosted in the Isdell Formation. In 1986, RAB drilling at the Egg prospect totaled 63 holes for 1175m over an area approx. 400m by 400m (ERG series). Sampling was limited to two samples per hole, one at the base of cover and one at the bottom of the hole. Four diamond holes (LHS86 series) for 677m were drilled across the project testing the Egg, Southern Magnetic anomaly and the northern Malu fold nose In 1987, the JV partners completed 13 (LSR 1-13) RAB holes for 379m along a single 1200m long east-west line in the south of the project. RC drilling (LSR 87 series) of 16 holes for 1383 were drilled in the vicinity of the southern magnetic anomalies. It is unclear at this stage if this drilling effectively tested the magnetic features. In 1988, Newmont completed 4 diamond holes (LHS 88-1, 4, 4a and 7) with drilling completed at the Egg prospect and Magnetic anomaly 1. In the following year, 1989, Newmont drilled a further 6 diamond holes (LHS 88-1, 6) for a total of 563m targeting the Northern Magnetic anomaly, the Egg prospect and the Central Shear Zone. In 1990/91, 30 RAB holes (LHB series) were drilled on the Northern and Southern Magnetic anomalies and along the interpreted fol	



		final tenement surrenders occurred in 1997 and it is assumed the joint venture terminated at the same time. No exploration work has been conducted over the Lamil project since the termination of the WMC / Newmont / BHP joint venture.
Geology	Deposit type, geological setting and style of mineralisation	The Lamil project is situated in the Proterozoic Paterson Province of Western Australia. A simplified geological interpretation comprises a domal feature with Isdell Formation in the core overlain by Malu Formation and the Puntapunta Formation forms the uppermost unit. The Lamil project is considered prospective for sediment – hosted 'Telfer style' gold-copper mineralisation and skarn style mineralisation.
Drill hole information	A summary of all information material to the understanding of the exploration results including tabulation of the following information for all Material drill holes: • Easting and northing of the drill hole collar • Elevation or RL (Reduced Level – elevation above sea level in meters) of the drill hole collar • Dip and azimuth of the hole • Down hole length and interception depth • Hole length	Refer to tabulations in the body of this announcement.
Data aggregation methods	In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (e.g. cutting of high grades) and cut-off grades are usually Material and should be stated.	All reported assays have been length weighted, with a nominal 0.1g/t Au lower cut-off. No upper cuts-offs have been applied.
	Where aggregated 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.	Higher grade intervals that are internal to broader zones of gold mineralisation are reported as included intervals, using lower cut-offs of 1g/t Au.
	The assumptions used for any reporting of metal equivalent values should be clearly stated.	No metal equivalents have been reported in this announcement.



Criteria	JORC Code explanation	Commentary
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 (e.g. 'down hole length, true width not known').	The geometry of the mineralisation is not yet known due to insufficient drilling in the targeted area.
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 plane view of drill hole collar locations and appropriate sectional views.	Refer to body of this announcement
Balanced Reporting	Where comprehensive reporting of all Exploration Results is not practical, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results.	All significant intervals are reported with a 0.1g/t Au lower cut off
Other substantive exploration data	Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observation; 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.	All meaningful and material information has been included in the body of the text. No metallurgical or mineralogical assessments have been completed.
Further Work	The nature and scale of planned further work (e.g. 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.	A follow up diamond drill program is scheduled to commence in June 2021 and will include: - Diamond tails on selected RC holes at Dune which contain strengthening copper-gold mineralisation towards the end of holes. -Diamond drilling at East Thomson's Dome designed to extend high grade gold zones intersected at the 45 Reef.