

# FURTHER TABAKOROLE DRILL RESULTS EXPECTED TO UPGRADE RESOURCE

#### **HIGHLIGHTS**

- Three holes (totalling 512m) drilled within the existing strike of the deposit have returned intersections of high-grade mineralisation which are expected to materially enhance the existing 910koz mineral resource<sup>1</sup>.
- Hole 21TBKRC-005 intersected:
  - 12m at 2.1 g/t gold from 18m;
  - 18m at 1.9 g/t gold from 53m; and
  - 10m at 1.5 g/t gold from 97m.
- Hole 21TBKRC-006 intersected:
  - 3m at 2.0 g/t gold from 10m;
  - 22m at 1.8 g/t gold from 77m; and
  - 11m at 0.7 g/t gold from 141m.
- Samples for 28 RC drill holes (3,903m) remain with the laboratory, with assay results expected imminently.

**Marvel Gold Limited** (ASX: MVL) (**Marvel** or the **Company**) is pleased to provide further results from the resource expansion drill program at the Tabakorole Gold Project (**Tabakorole** or the **Project**), located in southern Mali. The results, shown further in Figures 2 and 3, are expected to materially enhance the resource ounces and grade within this portion of the deposit where historical results encountered nearer surface were lower grade than those intersected in the current program.

**Managing Director, Phil Hoskins, commented:** "We are extremely pleased with the thickness and grades of these drill results. The focus of this drill program was resource expansion, with the majority of the holes testing strike extensions. A number of holes were planned within the existing strike to improve the resource and there is no doubt that these drill holes have accomplished that."

The mineralisation encountered in these three holes is a significant improvement to what has been modelled in this area in both thickness and grade. Previously modelled intercepts in this area exist within a broad halo of low-grade mineralisation which surrounds the deposit. These holes were targeted as this area was previously sparsely drilled, with only a single hole per section and there were indications from historical drilling along strike that the grades improved with depth, as has now been shown by the current results. Importantly, these results are near surface and viable within an open pit mining scenario.

The Company is awaiting results from a further 3,903m across 28 holes including drilling expected to confirm the north-west strike extension of the Tabakorole resource. The Company is currently undertaking a five hole, 750m diamond drilling program in the south-east of the deposit and following up with an aircore program to the south-east of the deposit to further target the strike potential in this area.

1. ASX announcement 30 September

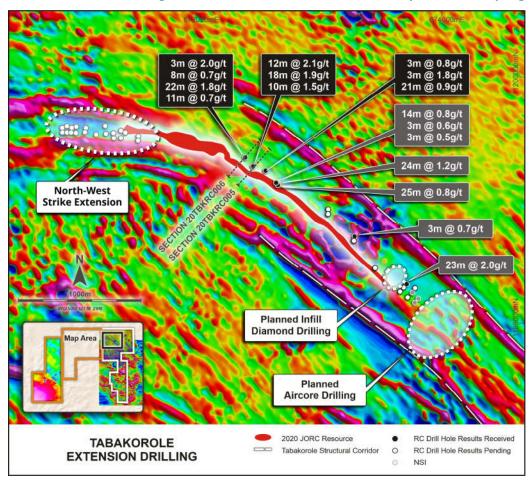
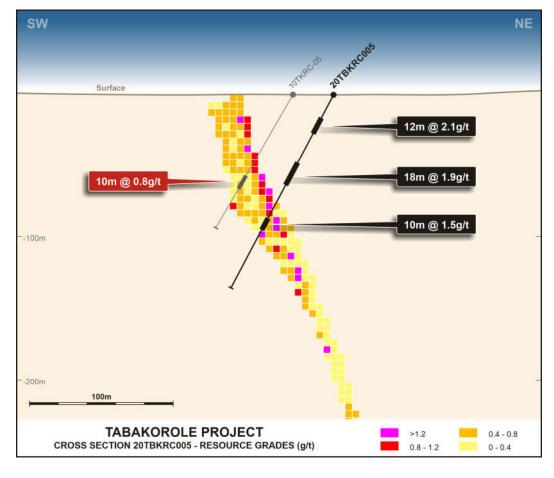


Figure 1: Plan view showing results from Tabakorole resource expansion drill program





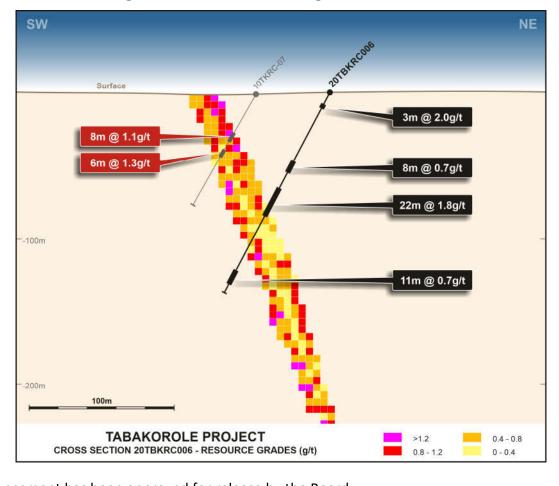


Figure 3: Cross-section showing hole 20TBKRC-006

This announcement has been approved for release by the Board.

PHIL HOSKINS

**Managing Director** 

For further information, please contact:

Phil Hoskins – Managing Director Chris van Wijk – Executive Director, Exploration

Tel: +61 8 9200 4960 Tel: +61 8 9200 4960

For more information, visit www.marvelgold.com.au.

#### REFERENCE TO PREVIOUS ASX ANNOUNCEMENTS

In relation to the announcement of the Tabakorole Mineral Resource estimate on 30 September 2020, the Company confirms that it is not aware of any new information or data that materially affects the information included in that announcement and that all material assumptions and technical parameters underpinning the Mineral Resource in that announcement continue to apply and have not materially changed.

In relation to the previously reported exploration results shown in Figure 1, these were included in the announcement dated 18 February 2021. The Company confirms that it is not aware of any new information or data that materially affects the information included in that announcement.

In relation to the previously reported exploration results in Figures 2 and 3 (Holes 10TKRC-05 and 10TKRC-07), these were included in the announcement dated 17 June 2020. The Company confirms that it is not aware of any new information or data that materially affects the information included in that announcement.

#### **COMPETENT PERSON'S STATEMENT**

The information in this announcement that relates to exploration results at Tabakorole is based on information compiled by Company geologists and reviewed by Mr Chris van Wijk, in his capacity as an Executive Director and Exploration Manager of Marvel Gold Limited. Mr. van Wijk is a Member of the AUSIMM and has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the 2012 JORC Code. Mr. van Wijk consents to the inclusion in the report of the matters based upon the information in the form and context in which it appears.

#### **About Marvel Gold**

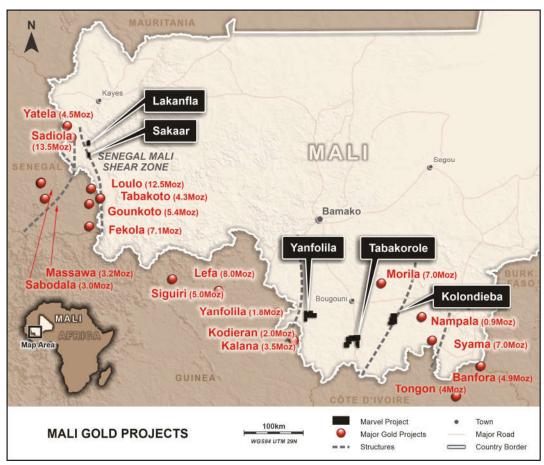
Marvel Gold Limited is an Australian resources company listed on the Australian Securities Exchange under stock code MVL. Marvel Gold is a Mali-focused gold explorer with advanced gold exploration projects and extensive landholdings in South and West Mali.

The Tabakorole Gold Project has an existing Mineral Resource (910,000oz grading 1.2 g/t gold)<sup>1</sup>, with opportunities to expand along strike and via regional exploration. The Lakanfla Gold Project is a prospective license with artisanal gold workings and existing gold mineralisation located 15km from the Sadiola gold mine.

Marvel also owns 100% of the Chilalo Graphite Project, a world-class fully permitted graphite project in south-east Tanzania. With expenditure to date exceeding A\$21M, a completed DFS and a management team with substantial graphite market knowledge and IP, Chilalo has the potential for near-term development. The Company is currently assessing all options for this asset including a possible demerger and IPO.

Marvel Gold has an experienced board and management team with specific skills, and extensive experience, in African based exploration, project development and mining.

## Marvel Gold Project Location Map Mali Gold Projects





#### **APPENDIX 1. DRILL HOLE INFORMATION**

Significant intercepts have 0.5g/t cutoff, minimum length of 3m and 5m max internal waste. Previously reported drillholes from the current program are shown in grey.

Prospect	HoleID	Hole Type	East WGS84	North WGS84	RL	Dip	Azi	EOH Depth	Depth From	Depth To	Width (m)	Grade Au g/t
Tabakorole	20TBKRC001	RC	673,291	1,198,706	356	-60	220	160	101	104	3	0.74
Tabakorole	20TBKRC002	RC	672,671	1,199,122	357	-60	220	160	13	37	24	1.24
Tabakorole	20TBKRC002	RC	672,671	1,199,122	357	-60	220	160	46	50	4	0.44
Tabakorole	20TBKRC002A	RC	672,667	1,199,119	356	-60	220	159	4	29	25	0.81
Tabakorole	20TBKRC002A	RC	672,667	1,199,119	356	-60	220	159	60	66	6	0.35
Tabakorole	20TBKRC003	RC	672,652	1,199,139	359	-60	220	150	17	31	14	0.83
Tabakorole	20TBKRC003	RC	672,652	1,199,139	359	-60	220	150	85	88	3	0.59
Tabakorole	20TBKRC003	RC	672,652	1,199,139	359	-60	220	150	100	103	3	0.55
Tabakorole	20TBKRC004	RC	672566.52	1199239.59	358	-60	220	200	25	28	3	0.79
Tabakorole	20TBKRC004	RC	672566.52	1199239.59	358	-60	220	200	38	41	3	1.82
Tabakorole	20TBKRC004	RC	672566.52	1199239.59	358	-60	220	200	106	127	21	0.94
Tabakorole	20TBKRC005	RC	672465.64	1199273.58	358	-60	220	153	18	30	12	2.13
Tabakorole	20TBKRC005	RC	672465.64	1199273.58	358	-60	220	153	53	71	18	1.94
Tabakorole	20TBKRC005	RC	672465.64	1199273.58	358	-60	220	153	97	107	10	1.55
Tabakorole	20TBKRC006	RC	672401.31	1199345.7	360	-60	220	159	10	13	3	2
Tabakorole	20TBKRC006	RC	672401.31	1199345.7	360	-60	220	159	56	64	8	0.71
Tabakorole	20TBKRC006	RC	672401.31	1199345.7	360	-60	220	159	77	99	22	1.84
Tabakorole	20TBKRC006	RC	672401.31	1199345.7	360	-60	220	159	141	152	11	0.67
Tabakorole	20TBKRC007	RC	671,533	1,199,519	355	-60	0	123		PENDING	ASSAYS	I.
Tabakorole	20TBKRC008	RC	671,530	1,199,482	360	-60	0	180		PENDING	ASSAYS	
Tabakorole	20TBKRC009	RC	671,426	1,199,549	364	-60	0	85		PENDING	ASSAYS	
Tabakorole	20TBKRC010	RC	671,390	1,199,565	351	-60	0	81		PENDING	ASSAYS	
Tabakorole	20TBKRC011	RC	671,391	1,199,503	352	-60	0	135		PENDING	ASSAYS	
Tabakorole	20TBKRC012	RC	671,330	1,199,544	351	-60	0	120		PENDING	ASSAYS	
Tabakorole	20TBKRC013	RC	671,333	1,199,502	349	-60	0	159	PENDING ASSAYS			
Tabakorole	20TBKRC014	RC	671,263	1,199,602	344	-60	0	123	PENDING ASSAYS			
Tabakorole	20TBKRC015	RC	671,268	1,199,538	348	-60	0	159	PENDING ASSAYS			
Tabakorole	20TBKRC016	RC	671,189	1,199,533	342	-60	0	201		PENDING	ASSAYS	
Tabakorole	20TBKRC017	RC	671,027	1,199,596	347	-60	0	105		PENDING	ASSAYS	
Tabakorole	20TBKRC018	RC	670,990	1,199,588	341	-60	0	105		PENDING	ASSAYS	
Tabakorole	20TBKRC019	RC	670,951	1,199,601	343	-60	0	105		PENDING	ASSAYS	
Tabakorole	20TBKRC020	RC	670,913	1,199,587	352	-60	0	100		PENDING	ASSAYS	
Tabakorole	20TBKRC021	RC	670,914	1,199,550	351	-60	0	159		PENDING	ASSAYS	
Tabakorole	20TBKRC022	RC	673,077	1,198,926	364	-60	220	200	PENDING ASSAYS			
Tabakorole	20TBKRC023	RC	670,952	1,199,549	340	-60	0	160	PENDING ASSAYS			
Tabakorole	20TBKRC024	RC	673,691	1,198,292	349	-60	215	171	PENDING ASSAYS			
Tabakorole	20TBKRC025	RC	670,985	1,199,549	346	-60	0	153	PENDING ASSAYS			
Tabakorole	20TBKRC026	RC	671,025	1,199,545	339	-60	0	150		PENDING	ASSAYS	
Tabakorole	21TBKRC001	RC	673,715	1,198,318	353	-60	215	201	178	201	23	2.00
Tabakorole	21TBKRC002	RC	673,762	1,198,251	354	-60	215	153	NSI			
Tabakorole	21TBKRC003	RC	673,810	1,198,202	353	-60	215	150	NSI			
Tabakorole	21TBKRC005	RC	673,286	1,198,670	360	-60	240	126	PENDING ASSAYS			
Tabakorole	21TBKRC006	RC	673,781	1,198,169	350	-60	215	117	NSI			
Tabakorole	21TBKRC007	RC	673,723	1,198,212	346	-60	215	100		PENDING		



Prospect	HoleID	Hole Type	East WGS84	North WGS84	RL	Dip	Azi	EOH Depth	Depth From	Depth To	Width (m)	Grade Au g/t
Tabakorole	21TBKRC008	RC	673,784	1,198,287	346	-60	215	195	PENDING ASSAYS			
Tabakorole	21TBKRC010	RC	673,076	1,198,888	362	-50	200	153	PENDING ASSAYS			
Tabakorole	21TBKRC011	RC	673,661	1,198,259	352	-60	220	111	PENDING ASSAYS			
Tabakorole	21TBKRC012	RC	673,459	1,198,449	353	-55	220	87	PENDING ASSAYS			
Tabakorole	21TBKRC013	RC	671,105	1,199,586	346	-60	0	150	PENDING ASSAYS			
Tabakorole	21TBKRC014	RC	671,098	1,199,552	341	-60	0	207	PENDING ASSAYS			

### APPENDIX 2. JORC TABLE 1 REPORTING Section 1 - Sampling Techniques and Data

Criteria	Explanation	Commentary
Sampling	Nature and quality of sampling (eg	Reverse circulation samples are collected directly from the drill rig cyclone at 1
Techniques	cut channels, random chips, or	metre intervals. Samples were riffle split using a 4-tier riffle splitter to yield an assay
	specific specialised industry standard	sample of approximately five kilograms in weight. The sub-sample is marked and
	measurement tools appropriate to	bagged on site.
	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.	
	Aspects of the determination of	All samples are prepared by MSA labs in Cote d'Ivoire who are an independent
	mineralisation that are Material to	laboratory. Samples are crushed to -3mm, split and a 250g sub-sample is pulverised
	the Public Report.	with gold determined by fire assay/AAS based on a 30g charge.
Drilling	Drill type (eg core, reverse	RC drilling was completed using a face sampling bit to drill a hole of 125mm in
techniques	circulation, open-hole hammer,	diameter. Holes were typically drilled with a dip of between 60 degrees to try and
	rotary air blast, auger, Bangka, sonic,	intersect mineralisation at a high angle.
	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).	
Drill Sample	Method of recording and assessing	RC sample weights have been collected to monitor recovery but no recovery
Recovery	core and chip sample recoveries and	calculations for RC drilling have been completed.
	results assessed.	
	Measures taken to maximise sample	RC sample weights were recorded and monitored in order to calculate sample
	recovery and ensure representative	recoveries. No relationship between sample weight and grade is known.
	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.	
Logging	Whether core and chip samples have	All sample material is logged onsite by geologists to a level of detail to support
	been geologically and geotechnically	appropriate Mineral Resource estimation, mining studies and metallurgical studies.
	logged to a level of detail to support	
	appropriate Mineral Resource	
	estimation, mining studies and	
	metallurgical studies.	Logging is qualitative and records colour, grain size, texture, lithology, weathering,
	quantitative in nature. Core (or	alteration, veining and sulphides. Chip trays are prepared by collecting
	costean, channel, etc) photography.	representative material from each metre sample and photographed.
	The total length and percentage of	All drill holes are logged in full.
	the relevant intersections logged.	d Holds are ropped in rain
Sub-Sampling	If core, whether cut or sawn and	Not applicable – no core drilling conducted.
techniques	whether quarter, half or all core	
and sample	taken.	
preparation		

Criteria	Explanation	Commentary
	If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.	RC samples were dry and sampled directly from the cyclone through a riffle splitter.
	For all sample types, the nature, quality and appropriateness of the sample preparation technique.	Sample preparation consisted of jaw crushing to -3mm, splitting 500 grams and pulverizing to 95% passing 75 $\mu$ . A sub-sample of 150-200g (pulp sample) is retained for analysis. The sample preparation procedures carried out are considered industry standard.
	Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.	RC Samples: Field duplicates, Blanks and CRM are inserted at a rate of 1:30 which is considered industry best practice.
	Measures taken to ensure that the sampling is representative of the insitu material collected, including for instance results for field duplicate/second-half sampling.	Field Duplicates are the primary means of ensuring representativeness of sampling. Duplicates, blanks and Certified Reference Materials have been used to ensure assay quality and representativeness of sampling.
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.	All samples were assayed for gold by fire-assay with AAS finish by MSA Laboratories in Yamassoukro, Côte d'Ivoire. This is considered to be a total analysis for Gold.
	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.	The instruments employed to collect ground magnetics at Tabakorole include 3 x GSM-19W v 7.0 Overhauser magnetometers with Novatel OEMSTAR GPS on board. A GEM GMS-19 base station was used for survey control. Readings were taken continuously and base station measurements were on a 10 second interval. The data collection was contracted to SAGAX Afrique who are the owners of the geophysical equipment and a recognised independent contractor with a long history in the region.
	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.	Field duplicates, Blanks and CRM are inserted at a rate of 1:30 which is considered industry best practice.
Verification of sampling and assaying	The verification of significant intersections by either independent or alternative company personnel.	All assays are reviewed by the Competent Person and significant intercepts are calculated as composites >0 5g/t Au with a minimum width of 3m and up to 5m internal dilution.
	The use of twinned holes.	No twin holes have been drilled. One hole: TBKRC-002A is a redrill of TBKRC-002 as this first hole failed to reach the target depth.
	Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.	All drill hole logging was entered into standardised spreadsheets at the rig before verification and importation into a Datashed database, administered in Perth, Western Australia.
	Discuss any adjustment to assay data.	No assay data was adjusted, and no averaging was employed
Location of data points	Accuracy and quality of surveys used to locate drill holes (collar and downhole surveys), trenches, mine workings and other locations used in Mineral Resource estimation.	Drill hole collars were located using handheld GPS with 3-5m accuracy and initial Dip and Azimuth determined using a handheld compass. A Reflex EZ Shot has been used for downhole surveys.
	Specification of the grid system used	All results reported use WGS84 UTM Zone 29.
	Quality and adequacy of topographic control	Not Applicable.
Data spacing and distribution	Data spacing for reporting of Exploration Results.	Drill hole spacing is variable as this is a reconnaissance drill program.
	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.	The drill hole spacing is variable in the current program, however all holes drilled in the current program are expected to be incorporated into the next resource update at Tabakorole.



Criteria	Explanation	Commentary
	Whether sample compositing has been applied.	Samples have not been composited in this program.
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.	Drill holes have been oriented with a dip of 60 degrees to try to intercept the mineralisation at a high angle. It is unlikely that the orientation of drilling has biased the results in the current program.
	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.	No bias between drilling orientation and the orientation of key structures is known.
Sample Security	The measures taken to ensure sample security.	Samples were stored on site in the field camp until despatch. Samples were bagged and consolidated into sacks secured with zip ties. A transport company contracted by the laboratory was used to collect the samples and transport them by road to the laboratory in Cote d'Ivoire. A chain of custody was maintained at all times.
Audits or reviews	The results of any audits or reviews of sampling techniques and data.	No audits have been conducted.

### Section 2 - Reporting of Exploration Results

Criteria	Explanation	Commentary
Mineral tenement and land tenure status	Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings.	Legend Gold Mali SARL is the 100% owner of the Tabakorole licence.  The Tabakorole permit was granted under Arrêté N°2015-1823 on the 25th of June 2015 and renewed on the under Arrêté N°2018-3538 on the 8th of October 2018 (First renewal). The permit is currently undergoing its second renewal which was lodged with the DNGM on 25th of February 2020.
	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 licence was confirmed to be in good standing as of the 20 <sup>th</sup> of September 2019 via letter of Attestation from the Malian DNGM. Subsequent due diligence carried out by independent specialists engaged by the Company confirmed that the licence is in good standing.
Exploration done by other parties	Acknowledgment and appraisal of exploration by other parties.	Not applicable to this announcement. See ASX announcement of 17 June 2020 for information on exploration done by other parties.
Geology	Deposit type, geological setting and style of mineralisation	The Tabakorole ore deposit as it is currently recognised is an orogenic, hydrothermal gold deposit with much in common with other volcano-sedimentary hosted Birimian style orogenic gold deposits throughout the region.
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:	All relevant drill hole details are provided in the body text and Figures of this announcement.
	<ul> <li>easting and northing of the drill hole collar</li> </ul>	
	<ul> <li>elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar</li> </ul>	
	o dip and azimuth of the hole	
	o down hole length and interception depth	
	o hole length.	

Criteria	Explanation	Commentary
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.	Significant intercepts are determined above a 0.5g/t Au cutoff grade with minimum 3m intercept and no more than 5m of internal dilution. No top cuts have been applied.
	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.	As above.
	The assumptions used for any reporting of metal equivalent values should be clearly stated.	No metal equivalents are 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.	All intercepts reported as downhole lengths. True widths have not yet been determined.
	If it is not known only the down hole lengths are reported, there should be a clear statement to this effect (eg 'down hole length, true width not known').	
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.	See body of announcement for diagrams.
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.	Balanced reporting has been applied. All holes are reported in full.
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.	All applicable geological observations have been reported at this time.
Further work	The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out drilling).	A Diamond drilling and Aircore program commenced in February 2021.

Criteria	Explanation	Commentary
	Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.	