

## **ASX Announcement**

23 November 2022

## **LAKE ROE GOLD PROJECT**

# Infill drilling from the Northern Flat Lodes at Bombora continues to deliver high grade results and prove continuity

Breaker Resources NL (ASX: BRB; the **Company** or **Breaker**) is pleased to advise of the results from the next 10 holes or wedges drilled as part of its resource development infill program on the primary Northern Flat Lodes beneath the Bombora Prospect at its Lake Roe Gold Project.

Pleasingly, every hole/wedge in this latest batch has returned high-grade gold intercepts which validate the interpretation and further enhances the continuity within the ore system.

Best results include:

1m @ 14.19 g/t gold from 191m in BBDD0149 (est. true width = 0.70m)

1.91m @ 13.66 g/t gold from 543m in BBDD0149W1 (est. true width = 1.34m)

4m @ 8.67 g/t gold from 445m in BBDD0150 (est. true width = 2.80m)

4.35m @ 5.96 g/t gold from 484m in BBDD150W1 (est. true width = 3.05m)

1.5m @ 11.18 g/t gold from 572m in BBDD150W1 (est. true width = 1.05m)

1.83m @ 9.84 g/t gold from 515m in BBDD152W1 (est. true width = 1.28m)

1.07m @ 9.38 g/t gold from 540m in BBDD154W1 (est. true width = 0.75m)

0.65m @ 19.98 g/t gold from 549m in BBDD154W1 (est. true width = 0.46m)

1.9m @ 13.46 g/t gold from 562m in BBDD0154W1 (est. true width = 1.33m)

The Northern Flat Lodes are a series of stacked, shallow north plunging flat lodes located below and north of the future open pit. The flat lodes are mineralised consistently over 2km and display numerous hundred-metre-long high grade gold shoots, often associated with structure intersections.

**Breaker's acting CEO, Peter Cook said "**These flat lodes keep expressing themselves as game changers, with the potential to significantly increase the overall grade at Bombora and to become an important part of any future underground development at Lake Roe gold operations. All lodes could share the one lot of vertical development and by coincidence they dip at the same gradient as a potential decline access."

**Enquiries:** 

Peter Cook

Chairman & Acting CEO

pcook@breakerresources.com.au

Sam Smith

COO & Investor Relations
ssmith@breakerresources.com.au



#### **Northern Flat Lodes Resource Definition Drilling**

The Northern Flat Lodes plunging north from the proposed Bombora open pit manifest as stacked flatly dipping narrow, but high-grade lode structures typically 1-3m in thickness. The intersection of these with the NW trending and steeply east-dipping lodes, and the NW trending and west dipping lodes creates elongated corridors where much thicker and higher-grade shoots tend to form.

The Bombora prospect at the Lake Roe Gold Project offers multiple open pit size/stage options with strong and demonstrable underground mining potential (ASX Releases 12/04/2022 & 31/07/2022) from the various primary lode structures.

Resource development drilling continues at Bombora with the current focus on increasing drill density and structural validation of the higher-grade shoots within the flat lode structures. Pleasingly, in this late round of assays, every one of the 10 holes or wedges drilled has returned high-grade results with the infill line spacing now at 40m spaced lines.

Table 1: Bombora drill results report (1.0 g/t cut-off and a minimum of 10 gram x meters):

Hole	Collar E	Collar N	RL	Dip	Azi	Intercept	From	True Width Est.
BBDD0147	458565	6601796	314	90	-57	5m at 3.05 g/t Au	25m	3.50m
						0.71m at 20.02 g/t Au	128m	0.50m
						3.93m at 9.59 g/t Au	134m	2.75m
						5m at 2.93 g/t Au	368m	3.50m
BBDD0148	458530	6602730	314	90	-57	3.86m at 2.68 g/t Au	482m	2.70m
BBDD0149	458537	6601964	314	90	-57	1.95m at 5.33 g/t Au	58m	1.37m
						1m at 14.19 g/t Au	191m	0.70m
BBDD0149W1	458537	6601964	314	90	-57	3.47m at 4.25 g/t Au	320m	2.43m
						1.91m at 13.66 g/t Au	543m	1.34m
BBDD0150	458520	6602960	314	90	-57	4m at 8.67 g/t Au	445m	2.80m
BBDD0150W1	458520	6602960	314	90	-57	4.35m at 5.96 g/t Au	484m	3.05m
						1.5m at 11.18 g/t Au	572m	1.05m
						6.3m at 3 g/t Au	617m	4.41m
BBDD0152W1	458530	6602593	314	90	-57	1.83m at 9.84 g/t Au	515m	1.28m
						2.55m at 4.49 g/t Au	562m	1.79m
BBDD0153	458535	6602078	314	90	-57	1m at 11.36 g/t Au	48m	0.70m
						5m at 2.1 g/t Au	242m	3.50m
BBDD0154	458540	6602593	314	90	-57	2.2m at 5.36 g/t Au	360m	1.54m
BBDD0154W1	458540	6602593	314	90	-57	5m at 3.18 g/t Au	491m	3.50m
						1.07m at 9.38 g/t Au	540m	0.75m
						0.65m at 19.98 g/t Au	549m	0.46m
						1.9m at 13.48 g/t Au	562m	1.33m



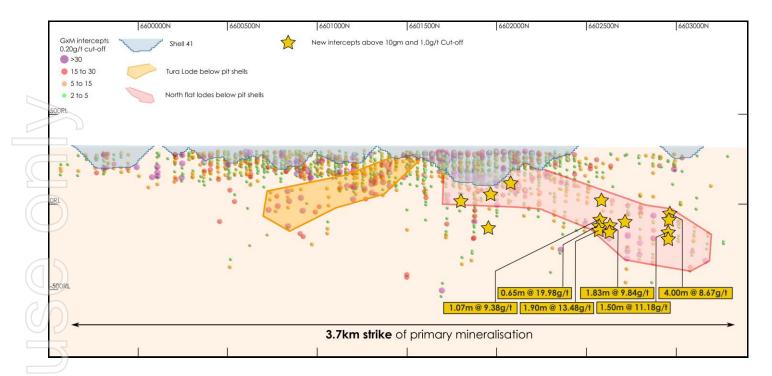


Figure 1: Bombora long-section (Looking West) with location of new drill results.

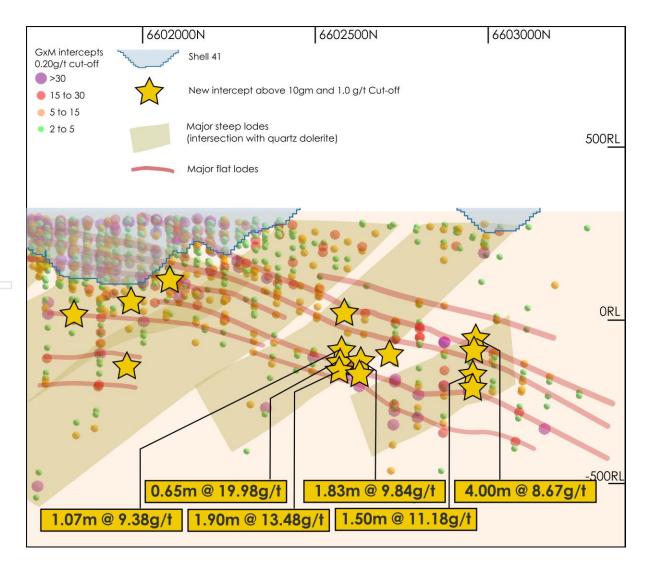


Figure 2: North part of the Bombora long-section (Looking West) with location of the new drill results.



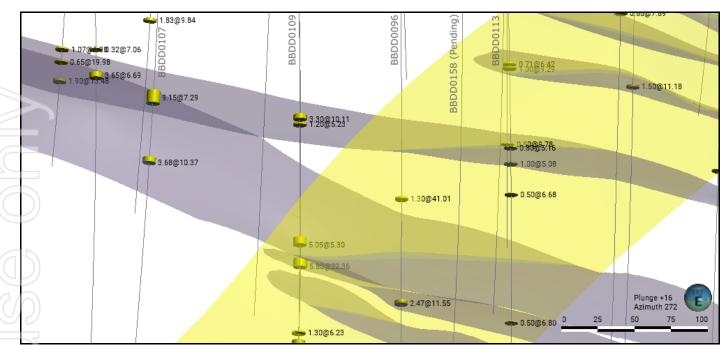


Figure 3: Zoomed-in, 470m wide long-section (Looking West) of the flat lodes intersecting Brigalow Mick steep lode and the location of the visible gold intercept in BBDD0158.

#### **Competent Persons Statement**

The information in this report that relates to Exploration Results is based on information compiled by Stephane Roudaut BSc (Geology); MSc (Economic Geology); MAusIMM. Mr. Roudaut is the Geology Manager of Breaker Resources NL. Mr. Roudaut has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken to qualify as a Competent Person as defined in the 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr. Roudaut consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

This announcement was authorised by the Board of Directors.



### ANNEXURE 1: JORC Code (2012 Edition) Table 1

#### 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.	Holes were drilled to variable depth dependent upon observation from the supervising geologist.  Diamond core is drilled HQ3, HQ or NQ2 dependent upon ground conditions. Core is cut in half by a diamond saw on site and half core is submitted for analysis except duplicate samples which are submitted as quarter core.
	Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.	Sampling was undertaken using Breaker Resources' (BRB) sampling protocols and QAQC procedures in line with industry best practice, including standard and duplicate samples.
	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 1m samples from which 3kg was pulverised to produce a 30g 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.	Half core samples were taken with a diamond saw generally on 1m intervals or on geological boundaries where appropriate (minimum 0.3m to maximum of 1.2m).  The samples were sent to ALS in Perth. Samples were sorted, dried, crushed to 10mm, pulverised to -75µm and split to produce a 50g charge for fire assay analysis for gold.
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.).	Diamond core is HQ3, HQ or NQ2. Core is orientated using Reflex orientation tools, with core initially cleaned and pieced together at the drill site, and fully orientated by BRB field staff at Lake Roe.
Drill sample recovery	Method of recording and assessing core and chip sample recoveries and results assessed.	Diamond drillers measure core recoveries for every drill run completed using either three or six metre core barrels. The core recovered is physically measured by tape measure and the length is recorded for every "run". Core recovery is calculated as a percentage recovery.  Core recovery is confirmed by BRB staff during core orientation activities on site and recorded into the database.
	Measures taken to maximise sample recovery and ensure representative nature of the samples.	Various diamond drilling additives (including muds and foams) have been used to condition the drill holes to maximise recoveries and sample quality.  Diamond drilling by nature collects relatively uncontaminated core samples. These are cleaned at the drill site to remove drilling fluids and cuttings to present clean core for logging and sampling.
	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.	There is no significant loss of material reported in the mineralised parts of the diamond core to date.
Logging	Whether core and chip samples have been geologically and geotechnically logged to a level of	Drill holes were logged for lithology, alteration, mineralisation, structure, weathering, wetness



Criteria	JORC Code explanation	Commentary
	detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies.	and obvious contamination by a geologist. Data is then captured in a database appropriate for mineral resource estimation.
	Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc.) photography.	Diamond core logging is both qualitative and quantitative in nature and captures downhole depth, colour, lithology, texture, mineralogy, mineralisation, alteration and other features of the samples.
		All cores are photographed in the core tray, with individual photographs taken of each tray both dry and wet.
	The total length and percentage of the relevant intersections logged.	All drill holes were logged in full.
Sub-sampling techniques and sample preparation	If core, whether cut or sawn and whether quarter, half or all core taken.	Core samples were cut in half using a conventional diamond core saw. Half core samples were collected for assay except duplicate samples which are quarter cut. An entire half core sample is retained and stored in core trays.
	If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.	n/a
	For all sample types, the nature, quality and appropriateness of the sample preparation technique.	The samples were sent to an accredited laboratory for sample preparation and analysis. All samples were sorted, dried pulverised to - 75µm to produce a homogenous representative 50g sub-sample for analysis. A grind quality target of 85% passing -75µm has been established.
	Quality control procedures adopted for all sub- sampling stages to maximise representivity of samples.	Diamond core sample intervals are based on geological intervals typically less than a nominal 1m.
		Quality control procedures involved the use of Certified Reference Materials (CRM) along with sample duplicates (submitted as quarter core). Selected samples are also re-analysed to confirm anomalous results.
		ALS's QAQC included insertion of certified standards, blanks, check replicates and fineness checks to ensure grind size of 85% passing -75µm as part of their own internal procedures.
	Measures taken to ensure that the sampling is representative of the in situ material collected, including for instance results for field	Sample duplicates for diamond drilling (quarter core) are taken at least three times in every 100 samples.
	duplicate/second-half sampling.	All samples submitted were selected to weigh less than 3kg to ensure total preparation at the pulverisation stage.
		Duplicate sample results are reviewed regularly for both internal and external reporting purposes.
	Whether sample sizes are appropriate to the grain size of the material being sampled.	The sample sizes are considered to be appropriate to correctly give an accurate indication of mineralisation given the qualitative nature of the technique and the style of gold mineralisation sought.
Quality of assay data and laboratory	The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.	The analytical technique used a 50g fire assay and is appropriate to detect gold mineralisation. The use of fire assay is considered a total assay.



Criteria	JORC Code explanation	Commentary
tests	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.	No geophysical tools were used to determine any reported element concentrations.
	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	BRB inserted CRMs and duplicates into the sample sequence, which were used at the frequency of three CRMs and three duplicates per 100 samples.
	established.	Sample preparation checks for fineness were carried out by the laboratory as part of their internal procedures to ensure the grind size of 85% passing -75µm was being attained. Laboratory QAQC involved the use of internal lab standards using CRMs, blanks, splits and replicates.
Verification of sampling and assaying	The verification of significant intersections by either independent or alternative company personnel.	Alternative BRB personnel have verified the significant results outlined in this report. It is considered that the Company is using industry standard techniques for sampling and using independent laboratories with the inclusion of Company standards on a routine basis.
	The use of twinned holes.	n/a
	Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.	Primary geological and sampling data were recorded digitally and on hard copy respectively and are subsequently transferred to a digital database where it is validated by experienced database personnel assisted by the geological staff. Assay results are merged with the primary data using established database protocols run ir house by BRB.
2	Discuss any adjustment to assay data.	No adjustments or calibrations were undertaker other than to average any repeated analysis for each individual sample.
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.	Drill hole collars are initially located by handheld GPS and then picked up by an accredited surveyor. GPS elevation values are corrected where necessary using a digital elevation model from a LIDAR survey. Expected accuracy is +/- 4r for easting, northing and RL (GPS) and +/- 0.1m or less for surveyed and LIDAR elevation point data.
		All diamond holes are gyro surveyed for rig alignment and downhole at the completion of the hole.
	Specification of the grid system used.	The grid system is GDA94 MGA, Zone 51.
	Quality and adequacy of topographic control.	As detailed above.
Data spacing and distribution	Data spacing for reporting of Exploration Results.	Drill holes are on 40m, 80m or reconnaissance variable spacings.  The diamond drill holes are drilled on 40m or 80m spacing to confirm continuity (40m spacing establish extensions (80m spacing) or to clarify structure and/or assess potential.
	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)	Drill holes on 40m or 80m spacing are generally adequate for Mineral Resource estimation.



Criteria	JORC Code explanation	Commentary
	and classifications applied.	
	Whether sample compositing has been applied.	No sample compositing has been applied to diamond drill core.
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.	Angled diamond drilling has so far confirmed three mineralisation orientations. The geome of the various lodes (steep, flat or west-dipple and drill hole orientation dictates the degree sample bias arising from drill orientation.
	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.	Sample bias arising from orientation is discus above.
Sample security	The measures taken to ensure sample security.	Diamond drill samples submitted were systematically numbered and recorded, bagg in labelled polyweave sacks and dispatched in batches to the laboratory's Kalgoorlie facility BRB personnel. The laboratory confirms rece of all samples on the submission form on arri All assay pulps are retained and stored in a Company facility for future reference if requires
Audits or reviews	The results of any audits or reviews of sampling techniques and data.	No formal audits/reviews have been conduct on sampling technique or data to date. Howe a scanning of sample quality (recovery, wetner and contamination) as recorded by the geolo on the drill rig against assay results occurs with no obvious issues identified to date.

ECTION 2: R	EPORTING 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 such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings.	The diamond drill holes are located on tenem M28/388, which is held 100% by BRB.  There are no material interests or issues associated with the tenement.
))	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 in good standing and no kno impediments exist.
Exploration done by other parties	Acknowledgment and appraisal of exploration by other parties.	Historical holders of the Project area include Poseidon Gold, WMC, Mt Kersey Mining and Great Gold Mines.
		Vertical rotary air blast and aircore drilling undertaken in the period 1991 to 1998 ident a zone of strong gold anomalism that extend over a potential distance of 4km under thin (10m) cover (maximum grade of 4m at 0.71g, Au).
		Although the prospectivity of the trend was recognised by previous explorers, rigorous anomaly definition and appropriate follow-up encouraging results did not occur, apparently to "non-geological" factors, including inconvetenement boundaries at the time of explorationand changes in company priorities and market conditions.



Criteria	JORC Code explanation	Commentary
Geology	Deposit type, geological setting and style of mineralisation.	BRB is targeting Archean orogenic gold mineralisation near major faults.
		Gold is associated with subsidiary faults of the Claypan Shear Zone and occurs preferentially in the Fe-rich part of a fractionated dolerite in an area of shallow (5m to 20m) transported cover. The dolerite is folded into a domal geometry between two major shear zones ("domain" boundaries) that converge and bend in the vicinity of the project.
		The main exploration target is high-grade lode, stockwork, disseminated and quartz vein gold mineralisation hosted by different phases of the fractionated dolerite.
Drill hole Information	A summary of all information material to the understanding of the exploration results including a	Refer to Appendix 1 for significant results from the diamond drilling.
	<ul> <li>tabulation of the following information for all Material drill holes:</li> <li>easting and northing of the drill hole collar;</li> <li>elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar;</li> <li>dip and azimuth of the hole;</li> <li>down hole length and interception depth;</li> <li>hole length.</li> <li>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</li> </ul>	Drill hole locations are described in the body of the text, in Appendix 1 and on related Figures in this report.
Data aggregation	of the report, the Competent Person should clearly explain why this is the case.  In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum	Grades are reported above a nominal lower cut- off grade of 1.0g/t Au. A minimum intercept
methods	grade truncations (eg. cutting of high grades) and cut-off grades are usually Material and should be stated.	length of 0.3m and a minimum of 10 gram x meter applies to the sampling in the tabulated results presented in the main body of this release. Up to 2m of consecutive internal dilution have been included.
	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.	All reported diamond drill assay results have been length weighted (arithmetic length weighting).
	The assumptions used for any reporting of metal equivalent values should be clearly stated.	None undertaken.
Relationship between	These relationships are particularly important in the reporting of Exploration Results.	All drill hole intercepts are measured in downhole metres.
mineralisation widths and intercept lengths	s and to the drill hole angle is known, its nature should be reported.	Approximate adjustment to adjust from downhole length to estimated true width are as follows:
		Steep lodes 50%, Flat Lodes 70% and West Lodes 90%
		In areas of reconnaissance drilling the structural orientation(s) are still being ascertained and are inconclusive.
		In the process of Resource estimation, the various lodes are wire-framed in three



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.  Balanced reporting  Bealanced reporting  Bealanced reporting  Other exploration Results.  Cheer exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.  Further work  Appropriate maps and sections (with scales) and tobulated including he main geological interpretations and future drilling areas, provided this information is not commercially sensitive.  Appropriate maps and sections (with scales) and draining from drill hole orientation.  Resultanded including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.  Balanced Where comprehensive reporting of all Exploration and text.  Bruther work  Crades are reported above a nominal lower cut-off grade of 1.0g/t A. A minimum of 10 gram x meter applies to the sampling in the tabulated results presented in the main body of this release. Up to 2 m of consecutive internal dilution have been included.  There is no other substantive exploration data.  Further work is planned as stated in this announcement.	Criteria	JORC Code explanation	Commentary
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.  Balanced 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.  Other Substantive Applies to the sampling in the tabulated results presented in the main body of this release. Up to 2m of consecutive internal dilution have been included.  Other Substantive			
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.  Other Substantive exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.  Further work  Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of length of 0.3m and a minimum of 10 gram x meter applies to the sampling in the tabulated results presented in the main body of this release. Up to 2m of consecutive internal dilution have been included.  There is no other substantive exploration data.  There is no other substantive exploration data.  There is no other substantive exploration data.  Further work 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.  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	Diagrams	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	
substantive exploration data  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.  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		Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of	off grade of 1.0g/t A. A minimum intercept length of 0.3m and a minimum of 10 gram x meter applies to the sampling in the tabulated results presented in the main body of this release. Up to 2m of consecutive internal
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	substantive exploration	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	There is no other substantive exploration data.
	Further work	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	