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Hog Ranch RC Drilling Update

Rex Minerals Ltd (Rex or the Company) has completed a 20-hole Reverse Circulation (RC) drill program at the Hog Ranch Gold Property, located in Nevada USA. All samples have now been submitted to the laboratory for analysis (ALS in Reno). An initial Induced Polarisation (IP) and Hyperspectral survey are underway.

SUMMARY

- The program was aimed at growing the oxide resource base at the Krista Project, upgrading the Inferred Resource to Indicated Resource at Bells, and testing one high-grade target at Cameco.
- The first batch of results received includes two drill holes from the Bells Project and three drill holes from Cameco.
- The Cameco target was designed to follow up on a 1995 high-grade intersection. Whilst our drill holes did not intersect bonanza gold grades, extensive anomalism was reported over the entire length of each hole, approximately 150m.
- Combined with broad gold anomalism in each hole, this lends support to our view that we
 are close to the gold rich boiling zone and that the size of the altered system we originally
 considered is more likely an order of magnitude larger. Further work is underway to
 assess the full extent at depth and on surface of this system.
- Rex is currently completing 1,500m of IP over the Cameco area.
- In addition, within the coming week a 20 x 24km aerial Hyperspectral survey will be completed to add to our regional targeting data set.
- The first two drill holes from the Bells Project, located within the north-east portion of the current Mineral Resource estimate, have results in-line with the resource model and confirm the robust continuity of the gold mineralisation at this location (Figure 3).
- Assay results for the bulk and remainder of the program are expected within the next three to six weeks.

Rex Managing Director, Richard Laufmann, said: "While we would have liked to have hit the bull's eye with the first hole, the evidence leads us to believe that we are vectoring in on the high-grade core. Given the size of the hydrothermal system we are uncovering, this is shaping up to have all the hallmarks of a giant system, and we are only just getting started.

"With only two holes back from Bells, we continue to see consistent results that should allow us to increase the Mineral Resource classification.

"The evidence continues to mount in support of our defined Gold Trend at Hog Ranch. We will continue to pursue what we believe is potential for high-grade gold mineralisation at Cameco-Airport and we will soon see results from additional targets at Krista," Mr Laufmann said.

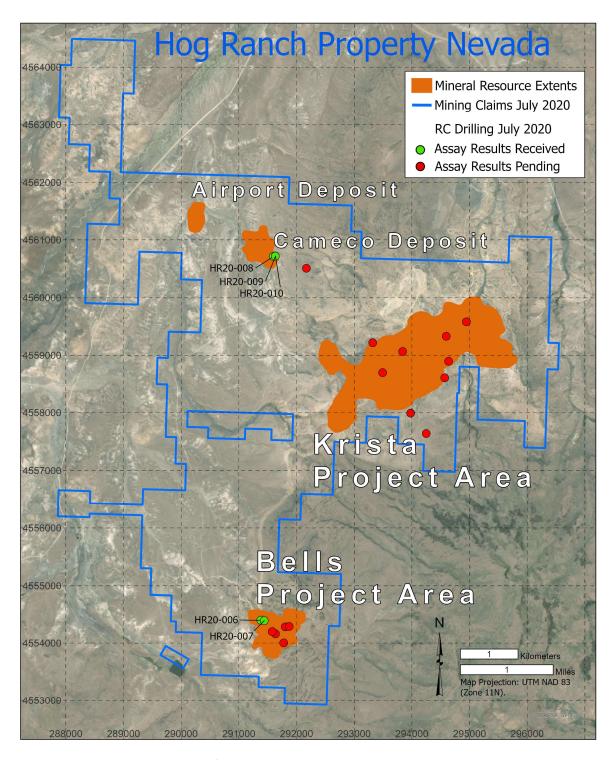


Figure 1: Location diagram of the 2020 RC drill hole locations at Bells, Krista and Cameco.

Bells Drilling Results

Seven holes for 1,056 meters were drilled at the Bells Project during this RC drill program. The drilling program was designed to upgrade Inferred Mineral Resources to Indicated Mineral Resources. Results received to date were from two holes which confirm the continuity of gold mineralisation in the northwest corner of the current Inferred Mineral Resource. The drilling results closely match the most proximal historical drill holes and are in line with the existing block model which defines the current Mineral Resource estimate at the Bells deposit (see Rex announcement dated 29 January 2020). Table 1 below identifies the gold intervals received to date from the Bells RC drilling, and Figure 2 is a cross-section of the two drill holes. All remaining assay results from the Bells drilling are anticipated within the next three to six weeks.

Table 1: Summary of composited gold intersections (cut-off at 0.2g/t) from the two RC drill holes received to date. All significant intersections in this table are based on an interpreted shallow "blanket" of higher-grade gold mineralisation (see Figure 2). Estimated true widths are adjusted from the down hole length based on the difference between the dip of the drill hole intersection and the interpreted geometry of the gold mineralisation.

Drill Hole Number	From (m)	To (m)	Down Hole Length (m)	Estimated True Thickness (m)	Average Gold Assay (g/t)
HR20-006	9.1	47.2	38.1	33	0.45
HR20-007	25.9	38.1	12.2	10.6	0.58

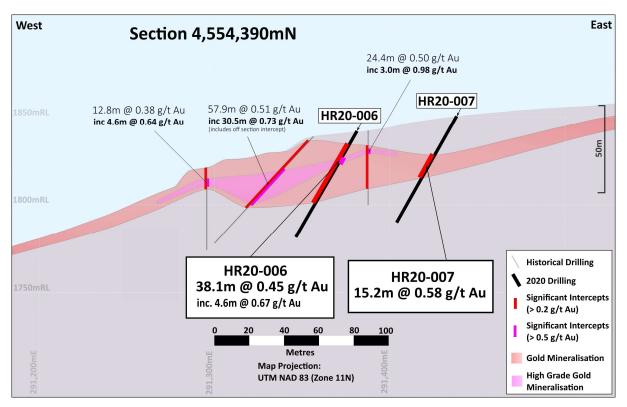


Figure 2: Cross section 4,554,390mN at Bells with drilling results highlighted from HR20-006 and HR20-007. The drilling results are shown relative to the existing interpretation of the shallow gold mineralisation based on the historical drilling information at this location.

Cameco Drilling Results

Only anomalous gold mineralisation values were intersected from this initial drill test. Substantial arsenic and mercury values were intersected over large thicknesses across the geological contact between the Volcanic rocks and Lake Sediment rocks.

The current interpretation that the size of the "hydrothermal system," which already extends to over 20km^2 at the Krista Project is additionally extensive throughout the Cameco area. This anomalism is interpreted to extend further along a defined Gold Trend (see Rex announcement dated 1 July 2020) towards the Airport deposit.

Three holes for 433m were drilled at the Cameco Project during this RC drill program. Rex has identified that the bulk of the higher grade gold mineralisation at Cameco exists at the contact position between the Volcanic rocks and the overlying Lake Sediments. Figure 3 is a representative diagram designed to illustrate the relative position of this "target" contact position. We will release more detail following our ongoing interpretation of the current results and program.

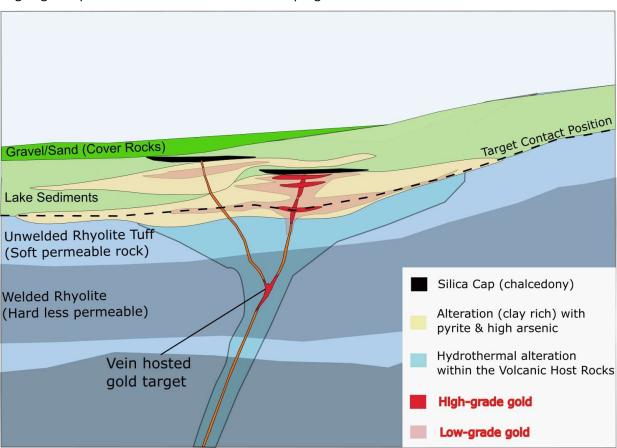


Figure 3: Schematic diagram representing the relative location of the high-grade and lower-grade gold mineralisation identified at Cameco.

Key evidence exists throughout the Cameco area that indicate a substantial volume of hydrothermal fluids, with the potential to deposit significant gold mineralisation, have passed through this contact position.

More specifically, Rex is targeting locations where the gold-bearing structures have intersected this important geological contact. The first three drill holes at Cameco were designed to confirm the presence of one such interpreted structure, based on the historical drill hole 95-031.

Next Steps

Rex is awaiting the bulk of its assay results from the recent drilling campaign at both the Bells Project and Krista Project areas. Results are anticipated within the next three to six weeks.

We have already instigated several geophysical surveys based on our results to date. Further geophysical programs and drill programs are anticipated to follow in Q4 2020.

For more information about the Company and its projects, please visit our website https://www.rexminerals.com.au/ or contact:

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COMPETENT PERSONS STATEMENT

The information in this announcement for the Hog Ranch Property that relates to Exploration Results, Exploration Targets or Mineral Resources is based on, and fairly reflects, information compiled by Mr Steven Olsen who is a Member of the Australasian Institute of Mining and Metallurgy and an employee of Rex Minerals Ltd. Mr Olsen is also a shareholder of Rex Minerals Ltd. Mr Olsen 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 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr Olsen consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

Forward-Looking Statements

This announcement contains "forward-looking statements". All statements other than those of historical facts included in this announcement are forward-looking statements. Where the Company expresses or implies an expectation or belief as to future events or results, such expectation or belief is expressed in good faith and believed to have a reasonable basis. However, forward-looking statements are subject to risks, uncertainties and other factors, which could cause actual results to differ materially from future results expressed, projected or implied by such forward-looking statements. Such risks include, but are not limited to, copper, gold and other metals price volatility, currency fluctuations, increased production costs and variances in ore grade or recovery rates from those assumed in mining plans, as well as political and operational risks and governmental regulation and judicial outcomes. The Company does not undertake any obligation to release publicly any revisions to any forward-looking statement.



JORC Code, 2012 Edition – Table 1 Report

Section 1 Sampling Techniques and Data

Criteria	Commentary
Sampling techniques	Sample intervals were taken over 5 foot intervals (1.52m) which were collected after separation of the sample using a rotary splitter situated at the base of the cyclone. The sample was split into three exit points for the following: primary sample, duplicate sample and remaining rejected material from which, a sample of rock chips were collected for geological logging. Water is injected at the head of the drill string at the hammer to supress dust.
	The individual drill rod length is 10 feet. After the addition of a new drill rod (after the collection of two 5 foot samples) the total return column is flushed to prevent spill over and contamination into subsequent samples down the drill hole. The rods would routinely be held static and flushed for a period of 4 to 5 minutes after the addition of each drill rod. The time taken to flush the return column is considered more than adequate to prevent contamination for subsequent samples given the relatively short total length of all the drilling completed in the reported RC drilling program.
	Regular standards and blanks including pulp standards and unrecognisable waste rock blanks were routinely placed throughout the samples for each drill hole. A review of the results from all standards and blanks did not identify any evidence that there was contamination between samples as a result of the sampling techniques conducted at the drill rig. Sample weights collected as the primary sample typically exceeded 2.0kg which were subsequently pulverised to produce a 30g charge for fire assay at the laboratory.
Drilling techniques	Drilling was completed using Revere Circulation (RC) drilling utilising double wall drill pipe, interchange hammer and 4¾ inch hammer bits to drill and sample the rock formation.
Drill sample recovery	There was often found to be variable recovery which is considered to be due to the effects of clay alteration, and occasionally alternating sections of harder siliceous material. Up to 35% of all samples taken were undersized at less than 2kg in weight, considered to be a result of material washed away around structures and locations with significant clay alteration.
	It is the view of the competent person that significant drilling expertise is required at Cameco to maintain control over the sample recovery to ensure that there is a relatively even amount of sample collected. There is a significant risk that some sections of the higher-grade clay rich material will be lost or under-represented within a regular 5 foot sample interval if the RC driller is not experienced with these types of ground conditions
	The RC drilling crew employed for the reported drilling program were an experienced team and were diligent with regard to the maintaining a regular sample size, however, there is some chance with the results that the variability of the ground conditions have resulted in some sections of clay rich material close to narrow structures underrepresented.

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Criteria	Commentary							
Logging	The major rock units and alteration characteristics at Hog Ranch were identified from substantial earlier work and technical studies completed largely by Western Mining Corporation. Based on what was observed from the original paper drilling logs prior to 1986 just prior to the commencement of mining, a standard rock code and alteration code system was established for rock chip and core logging at Hog Ranch (Table 2). For the purpose of consistency with this earlier system, the 2020 RC drilling program also adopted the same logging system for entry into the Hog Ranch database, with some additional codes established for the Cameco area which included Lacustrine rocks that lie unconformably above the Volcanic host rocks at Hog Ranch.							
	Table 2: Sample legend for drill hole logging information recorded from 1986 up to 1991 by Western Hog Ranch and WMC, which makes up 80% of the drill hole database.							
	COLUMN I ROCK TYPES CODE SYMBOL DEFINITION CODE DEFINITION DEFINITION CODE DEFINITION CODE DEFINITION DIAM DIAM DIAM DIAM DIAM DIAM DIAM DIAM							
Sub-sampling techniques and sample preparation	Drill cuttings were discharged from the cyclone into a rotating splitter. Cuttings exit the splitter into three exit points with both a primary and secondary field sample collected directly into a sample bag which was fitted onto a collection bucket. A small portion of the rock chips for each 5 foot interval was placed into chip trays for record keeping and geological logging. This process was repeated for each interval, with the sample bags replaced after each 1.52m (5 feet) interval. After collection of the samples and drying at the laboratory (ALS Reno), the samples were initially crushed to 2mm before separation of a 1kg sample using a riffle splitter.							
	The crushed 1kg sample was pulverised to better than 85% passing 75 microns and a 30g pulp sub sample was used for the analysis.							
Quality of assay data and laboratory tests	The gold assay information was completed by ALS in their Laboratory based in Reno. The ALS laboratories in North America are accredited by the Standards Council of Canada (SCC) for specific tests listed in their Scopes of Accreditation to ISO/IEC 17025:2005.							
	The analysis used for all the reported gold assays was fire assay with an atomic absorption (AA) finish (noted as method Au-AA23 in the standard schedule of services from ALS Global).							

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Criteria	Commentary
	ALS in Reno routinely include its own CRM's, blanks and duplicates within each batch of samples. In addition, Rex inserted a large number of its own QA/QC check samples within each batch of samples.
Verification of sampling and assaying	The RC drilling program included a large number (over 10% of all samples) of QA/QC check samples that were placed throughout the samples. The QA/QC data included a 0.9g/t pulp standard, a 0.38g/t pulp standard, a blank pulp standard and a barren rock (unrecognisable) all spread throughout each sample submission.
	All QA/QC samples were returned within reasonable error limitations and there was no evidence to suggest that the assay results contained any contamination or systematic errors in either the sampling process or the assaying process at the laboratory.
Location of data points	Drill hole collar co-ordinates are recorded in UTM NAD83 (Zone 11N) within the Hog Ranch database. After completion of each drill hole, a labelled tag was left at the drill collar position for subsequent survey pick up of the actual collar location.
	All drill collars from the 2019 drilling program were located using a Trimble ProXRT2 dual frequency L1/L2 GPS receiver capable of 10cm/4in accuracies. Data collected is post processed using GPS data files from the UNAVCO, Vya Nevada base station located approximately 18 miles from the project site. Accuracy based on the distance from the base station are estimated at 20cm.
Data spacing and distribution	Data spacing down hole is consistent with all the historical RC drilling at 5ft (1.52m). The reported drilling program was at specific locations designed to confirm the distribution of a potential high-grade gold domain, with drill holes spaced between 10m and 30m apart over the high grade assay intervals that were intersected.
Orientation of data in relation to geological structure	The bulk of the gold mineralisation defined at Cameco is interpreted to be horizontal, with some controlling vertical structures that act as the conduits for the gold mineralisation and can also be mineralised. Most of this historical drilling information is based on vertical drill holes which is appropriate for the dominant horizontal and disseminated gold mineralisation but at a very poor orientation for the occasional vertically orientated gold bearing structures.
	The RC drilling for the reported information in this release was all completed at a 60-degree angle to accommodate the presence of largely horizontally dispersed gold mineralisation and occasional gold intersection that relate to an interpreted vertical structure.
Sample security	Cameco is in a remote location with no other people present during the drilling program other than the supervising geologist, the drilling crew and occasional visits by Rex Management. The drill samples were all collected and placed on the ground at each respective drill hole under the supervision of the Rex Geologist. At the end of the program, the samples were collected and placed directly into a sample collection truck under the custody of the independent laboratory, ALS Reno.
	Based on the known chain of custody of the samples and generally low-grade nature of the drilling results, there is no evidence to suggest that any of the samples were interfered with in any way.

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Criteria	Commentary
Audits or reviews	No audits or reviews were commissioned for the reported RC drilling program at Cameco.

Section 2 Reporting of Exploration Results

Criteria	Commentary
Mineral tenement and land tenure status	The Hog Ranch Property (including Cameco) is made up of 583 unpatented mining claims located in Washoe County, Nevada. The underlying title is held in Platoro West Incorporated (Platoro) and Nevada Select Royalty Inc. The claims are subject to an underlying agreement between Platoro, Nevada Select Royalty Inc and Hog Ranch Minerals Incorporated. The agreement provides full operational control of the Project to Hog Ranch Minerals Inc., with a series of minimum expenditure and activity commitments required to keep the agreement and the option to acquire 100% of Hog Ranch in good standing.
	In August 2019, Rex purchased a 100% interest in Hog Ranch via its purchase of the private company Hog Ranch Group, which in turn has 100% ownership of the company Hog Ranch Minerals Inc.
	The mining claims at Hog Ranch are located on open public land managed by the Bureau of Land Management (BLM).
Exploration done by other parties	Gold mineralisation at Hog Ranch was first discovered in 1980, including at Cameco, with initial drilling in 1980 to 1981. Ferret Exploration was the first company to actively pursue the gold potential at Hog Ranch, leading to some initial Mineral Resource estimates (not considered to be JORC compliant) and some mining proposals. A consortium made up of Western Goldfields, Geomax (parent Company of Ferret Exploration) and Royal Resources ultimately provided the funding to commence gold production at Hog Ranch in 1986 via open pit mining and heap leach methods under the name of Western Hog Ranch Inc.
	After approximately 18 months of production, the Property was subsequently sold to WMC, who purchased 100% of Hog Ranch in early 1988. WMC commenced a significant exploration effort, drilling over 1,600 RC holes, a series of additional deep diamond drill holes and further detailed studies during the life of the operation which continued until 1991. Residual gold production and subsequent rehabilitation commenced soon after the mining operations ceased, all of which was completed by 1994. A summary of the gold production and geological information that was obtained during the mining operations was later summarised in a paper by Bussey (1996) – see Table 3.
	At the time WMC were completing rehabilitation work over the historical mining locations, Cameco commenced exploration at Hog Ranch to the west of the Historical Mining where much of the prospective rocks are under shallow cover rocks. The subsequent effort by Cameco and later followed on by a number of joint venture partners led to the discovery of gold mineralisation over a broad area at the Cameco Deposit.
	The reported RC drilling results in this Announcement are the first known drilling completed at Cameco since mining since 1997.

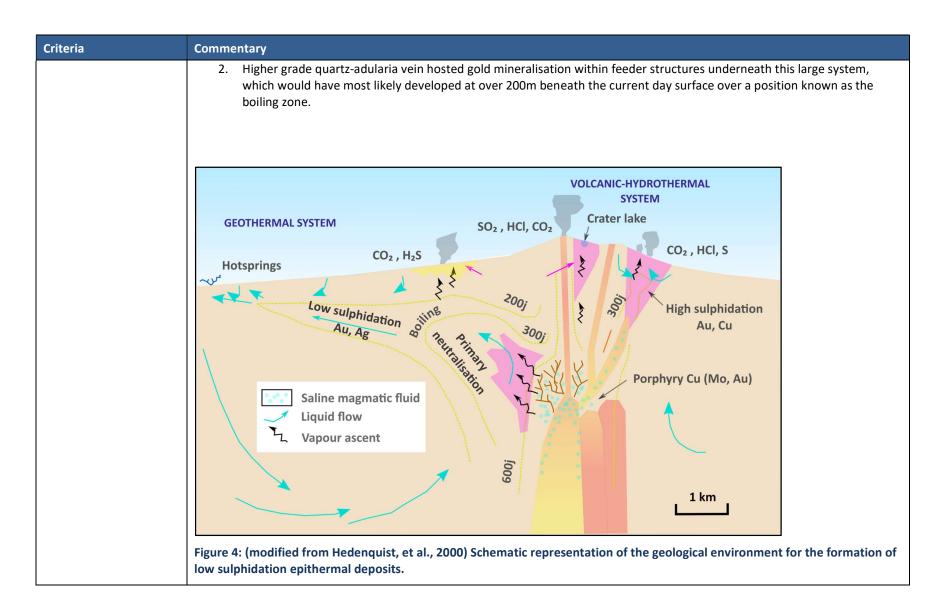
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Criteria	Commentary	Commentary					
	Table 3: (after Bussey, 19) information prior to place		-	on (mined) from ea	ich open pit bas	sed on production blast hole	
	Deposit/Resources	Tons (Mt)	Tonnes (Mt)	Gold (oz/ton)	Gold (g/t)	Comments	
	Bells	1.18	1.07	0.041	1.4	Found first, mined last	
	East Deposit	1.00	0.91	0.038	1.3		
	Krista Deposit	4.64	4.21	0.036	1.23	Largest deposit	
	Geib Deposit	1.28	1.16	0.033	1.13		
	139 Deposit	0.23	0.21	0.028	0.96	Local visible gold	
	West Deposit	0.17	0.15	0.045	1.54		
	TOTAL	8.5	7.7	0.036	1.23		
Geology	that Hog Ranch is a low sure The hydrothermal fluids the deep-seated source via a spaleosurface at Hog Ranch many epithermal deposits Sillitoe; R. H., 1993, Corbe At Hog Ranch, there are be significant (Figure 5). These 1. Extensive shallow	Iphidation epithern nat have resulted in eries of faults which nathernaments of em worldwide as docu tt, 2002). roadly two target ty e target types are of	nal style of deposit value both the alteration hacted as the plumber placement and form the same and the same and the same and the same are considered as: I will a same a same and the sa	which formed close and gold mineralisabing system require nation for shallow enthors (i.e. White an ered to exist which it	to the surface (I ation are interpr d to bring the n bithermal gold r d Hedenquist, 1 may have the po	reted to have been linked to a nineralising fluids up to the	

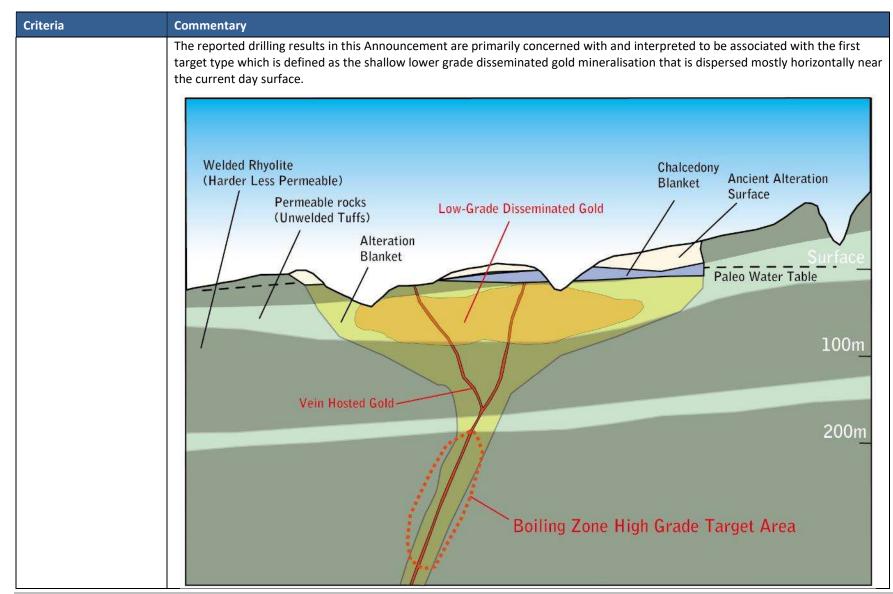
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Criteria	Commentary							
	Figure 5: Schematic diagram representing the current day setting of the gold target types that are interpreted to exist relative to the Volcanic Rocks and the broad alteration zones at Hog Ranch.							
Drill hole information	Significant dri	lling results for all di	ill holes are summarise	ed in Table 2, and o	n the cros	s section rep	oresented in Figure 2	
	Table 4 below identifies the drill collar location (in UTM NAD83 (Zone 11) Datum), dip, azimuth and EOH depth for every drill hole in the reported drilling program. Table 4: Drill Hole location information (UTM NAD83 (Zone 11N) Co-ordinate System)							
	Drill Hole Number	Easting	Northing	Elevation (m)	Dip	Azimuth	Total Length	
	HR20-006	291382.14	4554395.29	1842.37	-60°	270°	70.1m (230ft)	
	HR20-007	291439.95	4554389.89	1850.26	-60°	270°	70.1m (230ft)	
	HR20-008	291597.98	4560714.99	1685.99	-62°	216°	100.6m (330ft)	
	HR20-009	291637.04	4560715	1691.08	-61.1°	261°	166.1m (545ft)	
	HR20-010	291639.04	4560715	1691.29	-64°	243.4°	166.1m (545ft)	j
Data aggregation methods	The gold assay results shown in Table 1 are based on composited down hole lengths which capture the larger mineralised domain (above 0.2g/t) that appears to exist at Bells and are interpreted to be part of the broader shallow disseminated gold mineralisation that is continuous at Bells.							
Relationship between mineralisation widths and intercept lengths	The bulk of the gold mineralisation defined at Cameco is interpreted to be horizontal in orientation, with some minor vertical structures that act as the conduits for the gold mineralisation and can also be mineralised. Most of this historical drilling information is based on vertical drill holes which is appropriate for the dominant horizontal and disseminated gold mineralisation but at a very poor orientation for the occasional vertically orientated gold bearing structures.							
	The RC drilling for the reported information in this Announcement was all completed at a 60-degree angle to accommodate the presence of largely horizontally dispersed gold mineralisation and occasional gold intersection that relate to a narrow vertical structure. The true widths reported in Table 1 and Table 2 are based on an adjustment of the down-hole width relative to the dominant horizontally interpreted gold mineralisation.							
Diagrams	See Figure 2 fo	See Figure 2 for cross-sections representing the results in this release and their relative geological interpretation.						

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Criteria	Commentary
Balanced reporting	All significant drill hole information has been reported for all drill hole information received to date for the 2020 RC drilling program which is the subject of this release. Historical drilling information was reported in detail in the Maiden Mineral Resource announcement published by Rex on 2 September 2019.
Other substantive exploration data	In addition to the assay results reported in this Announcement, the Hog Ranch Property has been the subject of extensive exploration and historical drilling, predominantly over the period from 1981 through to 1997, in addition to a period of historical mining from 1989 to 1991. The information available from the historical exploration and mining at Hog Ranch was summarised in a recent Mineral Resource announcement published by Rex on 2 September 2019
Further work	Further analysis and interpretation will be conducted as part of a review of the Mineral Resource estimate at Bells with the added benefit of the recently received drilling results and other geological information.
	The drilling results at Cameco (from both the recent and historical drilling information) have identified the presence of a large hydrothermal system with the potential to host significant gold mineralisation. Further follow up geophysical surveys and drilling activities are warranted at Cameco in the pursuit of defining this potential high-grade gold mineralisation.

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