

Coziron Resources Limited

ABN: 91 112 866 869 Level 24, 44 St George's Terrace Perth Western Australia 6000 PO Box Z5183 Perth WA 6831

Phone: +61 8 6211 5099 Facsimile: +61 8 9218 8875 Website: www.coziron.com

The Company Announcements Office ASX Limited Via E Lodgement

27 February 2020

NEW GOLD DRILL TARGETS COMPLIMENT FURTHER TOP CAMP DRILLING

HIGHLIGHTS

- Large arsenic anomalies with gold, antimony and tungsten similar to those associated with the Top Camp gold discovery identified along NE-trending shears and zones of fracturing associated with the Tabba Tabba shear zone on E47/2150.
- CZR in planning immediate follow up drilling at its recent Top Camp discovery has delineated two additional drill-ready gold prospects.
- Bottom Camp prospect is a 500m long 100m wide zone of anomalism in soil over silicified brecciated sediments that represents a large, highly prospective priority drill-target.
- Murph prospect covers part of a 100m wide north-east trending zone in sheared feldspar porphyry that requires drill follow-up.

CZR chairman Adam Sierakowski commented "With further follow up drilling to commence shortly at Top Camp the Company has now generated additional priority drill targets for gold mineralisation at Bottom Camp and Murph. The new structural framework for the Mallina region being generated from recent exploration is illuminating a highly prospective NEtrending zone through the entire Croydon Top Camp Project towards De Grey Mining Limited's Hemi discovery."

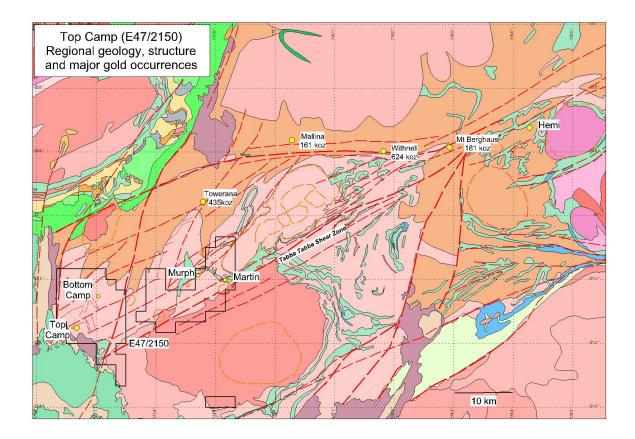


Fig 1 Regional view of the Croydon Top Camp Project overlain onto the Geological Survey of Western Australia, 1:500,000 scale geological map of the Mallina region and structural interpretation with the location of gold deposits and selected gold occurrences

Coziron Resources Limited (ASX:CZR) ("Coziron" or Company") is pleased to announce that it has undertaken a review of all the available data from E47/2150 ("Croydon Top Camp Project") and has generated a number of drill-targets for gold mineralisation based on the following:

- Gold assays from the RC drilling programme completed in December 2019 that included CRC007 reporting 8 m @ 10.2g/t which included 1 m @ 66.1g/t, CRC009 with 7 m @ 1.4g/t including 1 m @ 7.7g/t and CRC012 with 19m @ 0.6g/t showing both broad and high-grade intercepts beneath areas of surface gold anomalism (ASX releases 18 December 2019; 6 February 2020).
- 2. A full suite of major and trace-element data from selected RC drill-holes that show the gold is associated with elevated tungsten, antimony and sulphur and traces of thallium, molybdenum and bismuth within a broader arsenic-rich halo (Fig 2; ASX release 20 February 2020).
- 3. A revised structural model for the Mallina Basin region that outlines the spatial relationship between the Tabba Tabba shear zone and the locations of the known gold deposits and the new high-grade Hemi discovery. The new model suggests that gold prospects on the Croydon Top Camp Project located over or near the Tabba Tabba structure represent priority targets (ASX release 20 February 2020).
- 4. A full-suite of gold, major and trace-element results from an additional 1311 soil samples collected in late 2019 from E47/2150 (Full details in Appendix1).

The two new priority prospects that have emerged as drill-targets can be summarised as follows.

Bottom Camp

Bottom Camp is located about 5km north-north east of Top Camp and covers a ridge of fractured and faulted, mostly sandy sediments in the Mallina Basin with extensive evidence of historical prospector pits and costeans on the hill slopes and adjacent drainages (Fig 2). In the 1980's Golden Valley Mines

identified a silicified breccia within the prospect as being prospective for gold. Although they completed 16 vertical RC drill-holes to a maximum depth of 40m, these were some distance from the breccia due to difficulties in establishing drill-access. Despite being distal to the main zone of interest, five of the holes reported 1m interval samples with gold at >0.3g/t and included a best result from CPH16 of 2m @ 2.5g/t (Fig 2) but no follow-up work was undertaken to determine the significance of the results.

CZR has collected 206 soil samples from Bottom Camp on lines 120m apart and spaced at intervals of 40m, then infilled in parts to 20m. The samples cover an area of about 1km by 0.5km and approximately 20% of the samples report gold in the range 20 to 800ppb (0.02 to 0.8g/t) and almost the entire grid is highly anomalous in arsenic at 25 to 430ppm. The first round of a proposed drilling program will target the 500m long zone of silicification along the crest of the ridge where gold anomalism overlaps areas with anomalous antimony (5 to 127ppm) and tungsten (5 to 40ppm; Fig 2). In addition, there is a drill-hole planned to re-examine the CPH16 locality because historical RC-chips sampled from near the collar during CZR fieldwork reported gold at 0.35 ppm, tungsten at 40 ppm and antimony 8 ppm.

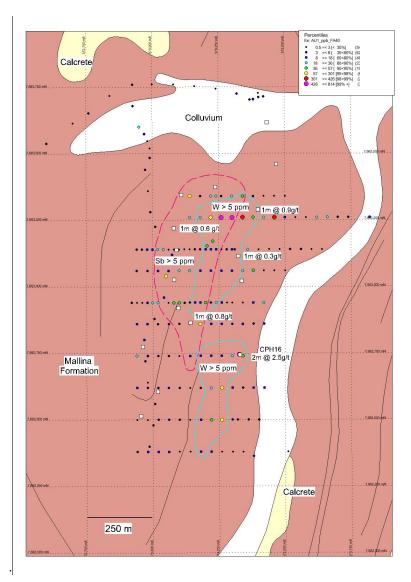


Fig 2 Bottom Camp prospect showing gold in soil samples with the contour outline of the antimony (Sb) and tungsten (W) anomalies in soil overlain on the Mt Wohler 1:100,000 geology.

Murph Prospect

The Murph prospect covers a poorly outcropping, 100m wide, north-easterly trending zone of sheared felsic porphyry along the contact between a granodiorite and sediments of the Mallina Basin. CZR commenced sampling during field-work in late 2019 when evidence of abundant historical prospector activity in the area overlapped a zone in the sheared feldspar porphyry with indications of sulphide and quartz veining.

In the first-pass grid of 75 soil samples, gold peaked at 130ppm, while arsenic is typically in the range of 100 to 460ppm and there are more localised zones of antimony to 10ppm and tungsten to 62ppm. This intrusion-related geochemical signature represents a priority target for follow-up work. An initial round of RC drilling will provide a more representative suite of samples across the 100 m wide zone of interest in an area where there are extensive areas of sand and alluvial detritus covering the bedrock.

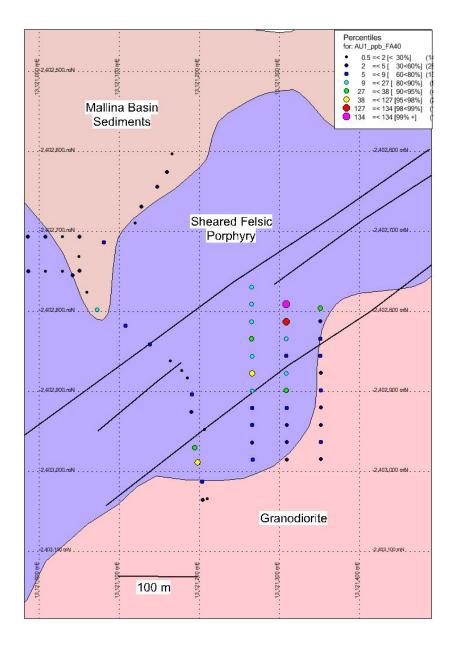


Fig 3 Murph prospect showing gold in soil samples with the trace of the shear-zone orientation overlain on the Mt Wohler 1:100,000 geology.

This announcement is authorised for release to the market by the Board of Directors of Coziron Resources Limited.

For further information regarding this announcement please contact Adam Sierakowski or Rob Ramsay on 08 6211 5099.

Competent Persons Statement

The information in this report that relates to mineral resources and exploration results is based on information compiled by Rob Ramsay (BScHons, MSc, PhD) who is a Member of the Australian Institute of Geoscientists. Rob Ramsay is a full-time Consultant Geologist for Coziron 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 edition of the "Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves". Rob Ramsay has given his consent to the inclusion in this report of the matters based on the information in the form and context in which it appears.

Appendix 1 – Reporting of exploration results from the Croydon Top Camp Project - JORC 2012 requirements.

ppendix 1 – Reporting of exploration results from the Croydon Top Camp Project - JORC 2012 requirements.		
Section 1 Sampling Techniques and Data Criteria IOPC Code explanation Commentary		
Criteria	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.	Soil and rock-chip samples collected by Coziron in 2018 and 2019 have sample numbers, locality information and descriptions recorded by employees.
		Auger pulps from the 2012 programme have been stored by Creasy Group with the same sample numbers as was reported for the historical analytical work. CZR has accessed the pulps and is having them selectively re-assayed.
		A high resolution magnetic and aeromagnetic survey to cover E47/2150 was acquired by CZR in 2018 and the independently processed images provide a framework from which much of the basement geology which is covered by a thin veneer of sand and colluvium but prospective for gold and base-metal mineralisation can be interpreted.
		RC drilling and sampling is undertaken in an industry standard manner.
Sampling techniques	• Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.	Coziron collects 1-2kg of either soil from 10 to 20cm depth or rock-chip and described using physical features such as colour, lithology, grain-size and alteration so that repeat samples can be identified and collected from any sites of interest. Historical auger samples were collected as 1-2kg from the material being brought to surface at refusal depth. Historical soils were collected as 1-2kg of screened - 2mm from beneath the A (organic-bearing) soil horizon.
		RC drill-bags are inspected to ensure that the volumes recovered in each 1m sample is approximately equal.
	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 3 kg was pulverised to produce a 30 g charge for fire assay'). In other cases more explanation may be required, such as where there is coarse gold that has inherent sampling problems. Unusual commodities or mineralisation types (eg submarine nodules) may warrant disclosure of detailed information.	1-2kg of soil and rock-chips were crushed, dried and pulverized. A sub sample was fused and the major oxides and selected trace-element analysis are collected using XRF Spectrometry or laser ablation digest and ICP finish. Gold, platinum and palladium are measured using a fire assay on a 40g sample with an ICP finish to 1ppb detection. All preparation and analytical work was undertaken in controlled conditions at Bureau Veritas Laboratories in Perth, Western Australia.
		Historical auger and soil samples were assayed using aqua-regia digest and ICP finish. CZR has resubmitted some batches of assay pulps to Bureau Veritas for XRF and Laser ICP analysis of major and trace elements and fire-assay gold on a 40g charge to obtain comparative results for the assay techniques.
		RC drill-holes are sampled on 1m intervals with samples collected from a cone-splitter attached to the side of the rig .Bureau Veritas pulverises the 2-3kg sample pulverised in the laboratory and a 40 gm charge has been used for fire assay of gold. CZR has

		also re-submitted some batches of assay pulps to Bureau Veritas for XRF and Laser ICP analysis of major and trace elements on a fused disk.
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).	Historical auger samples with typically shallow penetration depths reported in the database were shovel sampled from the spoil heaps. They are regarded as complimentary to soil samples in the centre of the Top Camp area where there has been extensive disturbance by prospector activity. Reverse circulation (RC) holes were drilled with a 5 ½ inch face-sampling hammer.
Drill sample recovery	Method of recording and assessing core and chip sample recoveries and results assessed. Measures taken to maximise sample recovery and ensure representative nature of the samples. Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.	Each auger spoil heap was sampled by the same method with 1-2kg representing a bulked sample of all grain-sizes in the spoil. RC samples are visually assessed and the volumes in each bag indicated consistent recovery with no bias identified
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.	The auger results are only being used as a bedrock-mapping tool. RC chips were logged for rock-type, veining and alteration and are suitable for untilisation in any future resource calculations.
	 Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography. 	Rock and RC-chips are described qualitatively for colour and rock-type.
	The total length and percentage of the relevant intersections logged.	RC holes are entirely logged.
	If core, whether cut or sawn and whether quarter, half or all core taken.	No core was collected for this study
Sub-sampling techniques and sample preparation	If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.	All soil and historical auger samples were collected as a bulk material. RC material is subsampled by a cone-splitter attached to the side of the drill-rig and any intervals of wet sampling are recorded.
	• For all sample types, the nature, quality and appropriateness of the sample preparation technique.	Soil samples are 1-2kg of -2mm field screened material collected 5 to 10 cm beneath the surface. Rock chip sampling is a method of providing representative surface samples with indications of mineralization to high-light mapped lithologies which require future drill assessment. Auger samples were collected by shovel from the spoil heap when the hole reached its maximum depth. RC samples for assay are collected from a cone splitter which is industry standard.
	Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.	The soil and auger samples are collected from a grid with multiple samples collected from each lithology during surface sampling. RC holes are sampled entirely on 1 m intervals and are appropriate for resource estimation.
	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.	In early stage exploration, a number of 1-2kg soil and rock-chip samples are collected at different outcrops to provide an indication of compositional variations associated with each lithology. During the RC drilling, duplicate samples were collected from the splitter at random in a ratio of 1:20.
	Whether sample sizes are appropriate to the grain size of the material being sampled.	In finer grained rocks, 1-2kg is sufficient to provide an indication of lithological composition. A 2-3kg cone-split sample collected during drilling of the RC holes is an industry standard for representative sample for resource calcualtions.
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.	Historical analyses using an aqua-regia digest is a common procedure used in early stage exploration to detect geochemical anomalies. It is a partial digest for silicate-rich rocks and in the case of the Croydon area which is carbonate-rich is potentially less effective for

	T	Liberating gold and trace elements As a result of
		liberating gold and trace-elements. As a result, a selection of pulps is being assayed to provide comparative data with results from Bureau Veritas which are used as a standard method by CZR.
		All analyses at Bureau Veritas Laboratories in Perth. Major-element oxides and a suite of 62 minor elements are determined by XRF and laser ablation ICPMS on fused disks. Precious metal (Au, Pt, Pd) is determined by fire assay with ICP finish at a detection limit of 1ppb.
		40gm charge fire assay for gold is an industry standard
	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 hand-held instruments were used by CZR for this report.
		Field duplicates are included among the auger-series samples.
	Nature of quality control procedures adopted (eg standards, blanks, duplicates, external laboratory checks) and whether	Cone –split RC duplicate samples were collected at random on a ratio of 1:20. Industry accredited blanks and standards are introduced to the sample schedule randomly in the field at a rate of 1:50.
	acceptable levels of accuracy (ie 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 their in-house procedures.
		Results highlight that sample assay values are accurate and that contamination has been contained.
	The verification of significant intersections by either independent or alternative company personnel.	Intersections have not been verified independently.
Verification of	The use of twinned holes.	No twinned holes have been reported.
sampling and assaying	Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.	Assay data is received electronically and uploaded into an Access database. All hand-held GPS locations are checked against the field logs.
	Discuss any adjustment to assay data.	No adjustment or calibrations were made to any assay data presented.
	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.	Sample locations were determined using hand held Garmin 72h GPS units, with an average accuracy of ±3m.
Location of data points	Specification of the grid system used.	The grid system is either Latitude-longitude or MGA GDA94, zone 50, local easting's and northings are in MGA
	Quality and adequacy of topographic control.	SRTM90 is used to provide topographic control and is regarded as being adequate for early stage exploration.
Data spacing and distribution	Data spacing for reporting of Exploration Results.	Reconnaissance rock-chip and the gridded auger and soil sampling is being used to examine prospects with the potential for mineralisation. The first round of RC drilling focussed on testing targets underling a grid of soil and auger samples.
	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	Rock-chip and soil and auger sampling data is not being used to generate either Mineral Resources or Ore Reserve estimations. There are not yet sufficient drill samples to satisfy a mineral resource estimate.
	Whether sample compositing has been applied.	No data compositing has been applied.
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.	Mineralization is potentially lithologically and structurally controlled and the surface and RC drill sampling is collecting representative material from different lithologies and across the structural trends.
	If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have	RC drill holes were oriented to intersect both the geology and structural framework to gather representative samples. Follow-up RC and diamond drilling will be required to provide information to measure or eliminate any bias.

	introduced a sampling bias, this should be assessed and reported if material.	
Sample security	The measures taken to ensure sample security.	Samples are collected labelled and transported by Coziron Geologists to a transport company in Karratha from where they are transported directly to Bureau Veritas laboratories in Perth.
Audits or reviews	The results of any audits or reviews of sampling techniques and data.	No audits or reviews have been completed.

Section 2 Reporting of Exploration Results

Section 2 Reporting of Exploration Results		
JORC Code explanation	Commentary	
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.	E47/2150 is held by 100% by Colchis Pty Ltd with Coziron purchasing a 70% interest.	
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 known impediments exist.	
• Acknowledgment and appraisal of exploration by other parties.	2019-2018 Prospectors report the count, weight and location of gold nuggets recovered from their 40E permits overlying the tenement. Although the amount of gold being reported is not of commercial significance, the located distribution provides evidence for prospectivity and follow-up geochemical sampling.	
	2016 – Colchis Pty Ltd completed gridded soils at Middle Valley collecting 250g of -250 micron with samples submitted to Intertek for gold by aquaregia (AR25) and multi-element ICP.	
	2012 – Colchis Pty Ltd undertook 20 by 20m truck-mounted auger programme at Top Camp for a total of 1589 holes with 2-3kg end of hole sample submitted to Intertek Laboratories in Perth for gold by aqua-regia (AR25) and multi-element ICP.	
	2002 – Samples collected in 2001 were analysed for Au and diamond indicators by De Beers Australia Exploration Limited.	
	2001 – Stream Sediments – Ten sites assessed and one sample taken by De Beers Exploration Australia Limited. Assayed for Au by Cyanide Leach and Mass Spectrometry.	
	In 2000, Bann Geological Services were employed to collect 8 stream sediment samples (split into coarse and fine fractions) 11 soil samples (split into coarse and fine fractions) and 16 rock chips. These samples were assayed for Au by BLEG, B/ETA and B/AAS as well as As by B/AAS].	
	In 1999, Creasy Group contracted Bann Geological Services to collect 62 streams, 72 soil, 10 rock chips to be assayed for Au by BLEG, Cu, Zn, As, Mo, Ag, Sb, W, Pb by B/MS. An additional 147 streams, 142 soils were collected later in the year	
	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 security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area. Acknowledgment and appraisal of exploration	

		1998 6 costean samples, 15 RC re assays, 1 rock chip were collected and assayed for Au by fire assay and Fe, Cu, Zn, As, Ag, Sb & Pb by B/AAS. 1994 – Costeaning program undertaken by Geochemex on behalf of Creasy Group. 11 Costeans, orientated East-West, were dug in the Top Camp area, totalling 1080 metres. Samples were taken in 2m composites using 1m half PVC pipe. Samples were sent to Genalysis for Au analysis by aqua regia digest with B/ETA, B/AAS, and V, Cr, Mn, Fe, Co, Ni, Cu, Zn, As, Mo, Ag, Cd, Sb, Te, Tl, Pb, Bi by B/AAS. 15 RC holes were drilled at Top Camp for 704m. 760 soil samples on a 40m x 40m grid on Top Camp. Assayed for Au BLEG, Au B/eta, 1988 – Dry blowing of surface material, 0.25m to 0.5m below surface, where significant nugget gold was found but total gold recovered was not recorded.
		1986 – Golden Valley Mines N.L undertook drilling at Golden Valley testing quartz-carbonate breccia in turbidite sequence rocks. 16 vertical holes were drilled for 506m, samples assayed for Au and select samples for As.
		1983 – Alluvial testing by Ingram for Golden Valley Mines N.L where 9*10^6 tonnes of alluvial material was evaluated to have Au grade ranging between 0.5 to 1.5 g/t Au. It was concluded gold is also present in carbonate-quartz veins in carbonate-BIF cores of the anticlines and postulated exhalative style disseminated gold present in the turbidite sequence.
Geology	Deposit type, geological setting and style of mineralisation.	The tenement has a basement of Archaean-age gneissic rocks that appears to have been first overlain by ultramafic mafic to mafic rocks of a greenstone belt that are deformed and metamorphosed and intruded by granites. Turbiditic sediments in the Mallina Basin overlie the basement. These are folded and metamorphosed to greenschist facies and locally intruded by felsic rocks. Unconformably overlying the Mallina sequence are essentially flat-lying sediments and mafic volcanics and intrusives of the Fortescue Group. Gold is reported in faults, shears and granites cutting the Malina Basin metasediments.
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: a easting and northing of the drill hole collar elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar dip and azimuth of the hole	All relevant information about drill-holes has been reported.

	 o down hole length and interception depth o hole length. If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case. 	
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. Where aggregate intercepts incorporate short lengths of high grade results and longer lengths of low grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail. The assumptions used for any reporting of metal equivalent values should be clearly stated.	All intercepts reported are generated by using a 0.3g/t cut-off and 0.5 g by metres and a maximum of two internal metres of waste. All samples are of 1 m in length. No upper cut has been applied to the results.
Relationship between mineralisation widths and intercept lengths	These relationships are particularly important in the reporting of Exploration Results. If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported. If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (eg 'down hole length, true width not known').	The style and geometry of the mineralization have yet to be determined and as such the intercepts reported are down-hole only.
Diagrams	Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported These should include, but not be limited to a plan view of drill hole collar locations and appropriate sectional views.	Refer to Figures in body of text
Balanced reporting	Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results.	All relevant samples and significant intersections on the maps, sections and in the text are reported
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.	Mapping, soil and rock-chip sampling will continue over the early-stage gold and base-metal targets while targets with more extensive coverage of soil, auger and rock-chip sampling are being prepared for further drilling.
Further work	The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out drilling). Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.	Diamond drilling to provide down-hole structural data to compliment surface geology and infill and extensional RC drilling to better define the extent and tenor of mineralisation.