

Coziron Resources Limited

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The Company Announcements Office ASX Limited Via E Lodgement

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Update on Buddadoo Vanadium/Copper/Nickel RC drilling

- The Buddadoo Gabbro represents an advanced prospect for the delineation of vanadium and titanium mineralisation and it's the focus of this drilling programme, RC drilling commenced on March 11th with a total of 10 holes for 1195 m completed to date.
- Holes BUDRC001 and BUDRC002 (figure 3; inclined at -60° to 250°) to 200 m deep provide
 the first cross-section across the northern portion of the high-order airborne magnetic
 target which has vanadium (V) and titanium (Ti) anomalism in the soils and outcropping
 bands of vanadiferous titanomagnetite.
- BUDRC001 intercepted 11 intervals between 11 and 171 m (downhole) to 195 m of between 2 m and 16 m in down-hole width with high magnetic susceptibility (ranging 5000 to 90,000 SI units) and geological logs reporting magnetite-rich drill-chips.
- BUDRC002 intercepted 6 intervals between 11 m to 77 m of between 2 m and 12 m in width and three intervals from 167 to 200 m (end of hole) of between 2 meters and 8 meters in down-hole width with high magnetic susceptibility and geological logs reporting magnetite-rich drill-chips.
- BUDRC003 to BUDRC010 (inclined -60° to 070°) provide coverage across the second-order magnetic targets that underlie nickel and copper anomalism in soil. These report intervals with higher magnetic susceptibility (1000 to 5000 SI units) and thin magnetite-rich intercepts with susceptibility greater than 50000 SI units. Many 1m interval samples report traces of sulphide (mainly pyrite) but BUDRC010 reports a down-hole interval from 53 to 60 m with up to 25% sulphide content.
- Samples have been dispatched to Perth for analysis and further intercept and assay results will be reported as they become available.

Background

The Board of Coziron Resources Limited ("CZR" or "Company") is pleased to advise that the Company has now completed about 25% of the planned RC drilling on high priority targets for

vanadium, titanium, nickel and copper mineralisation at its Buddadoo project to the east of Geraldton (see announcements to ASX 31 January 2018 and 28 February 2018).

The 192km² Buddadoo Project (E59/1350) is located about 200km east of Geraldton Port and 60km from a rail siding at Morawa that connects to Geraldton and Perth (Figure 1). In addition, the area is well serviced by a bitumen-road between the towns of Morawa and Yalgoo and a number of station tracks. The tenement covers part of the Gullewa Greenstone Belt, which is cut by major faults and intruded by granitic and gabbroic rocks and hosts the recently re-commissioned Deflector Gold Mine. Historical exploration on E59/1350 reports mineralisation at two sites. At Edamurta, in the north, there is gold, copper and zinc within felsic and mafic volcanics of the Gullewa Greenstone Belt. In the south, the Buddadoo Gabbro hosts reports of copper and bands of vanadiferous magnetite (Fig 1).

The Buddadoo Gabbro represents an advanced prospect for the delineation of vanadium and titanium mineralisation and it's the focus of this drilling programme. Vanadium in particular is growing in importance as an alternative to lithium in the battery-suite metals. The vanadium redox battery has a life-span in excess of 20 years, is scalable by increasing the size of the vanadium-electrolyte storage tanks, has immediate energy release that extends to 100% discharge without damage, but can retain charge for an extended period, is safer than lithium-ion batteries because there is no potential for a thermal run-away resulting in a fire or explosion and is lower cost per electrical storage unit than a lithium battery.

The prospectivity of the Buddadoo gabbro is reflected in historical results from activities that included mapping, rock-chip geochemistry, airborne magnetic surveys, shallow RAB and diamond drilling and metallurgical studies. The mapping, drilling and metallurgical results from the 1980's suggests that the high-order magnetic anomaly near the eastern margin of the gabbro hosts vanadiferous titanomagnetite mineralisation that can produce a concentrate of magnetite/ilmenite with V_2O_5 at 1.7% and TiO_2 @ 20%. Further systematic work is required.

Summary of Revised Prospectivity in the Buddadoo Gabbro

In 2017, soil and rock-chip assay results from the eastern portion of the Buddadoo Gabbro confirmed that a 350m to 500m wide and 6km long high-order magnetic anomaly was prospective for vanadiferous titanomagnetite mineralisation (Full details of the methods and results were reported by CZR to the ASX on 17th of October 2017). The soil and rock-chip results show a westwards decrease in vanadium and increase in titanium that imply the eastern margin of the gabbro, where the soils are anomalous in copper and nickel, might represent the basal zone to the igneous system and be prospective for sulphide mineralisation. The area of copper and nickel anomalism overlies two lower order linear magnetic features that are sub-parallel to a high-order magnetic zone. The upper of these subordinate magnetic features appears to be contiguous with massive sulphides that are reported in historical drilling beneath the recently re-located and resampled Samantha Gossan that reports copper at 0.2% and platinum-group elements (Pt +Pd) at 200 ppb (CZR to the ASX on 17th of October 2017).

Recent Soil and Rock-chip Programme

As part of a recent site-visit to acquaint earthmoving and drilling contractors with access conditions, peg the drill-pad locations and plan activities to minimise the amount of ground disturbance, an additional 161 infill soil samples were screened in the field to recover a -2mm fraction and 9 rock-chip samples were collected for analysis.



Assay data has been received but not yet added to the database of surface-samples and plotted to review the spatial distribution of the elements of interest.

Drilling Programme

To date, 10 holes for a total of 1195m have been completed by the drilling contractor and their locations are shown on Figure 2 and details are reported in Table 1.

BUDRC001 and BUDRC002 examine the subsurface geology across the poorly outcropping northern portion of the high-mag V-Ti (vanadium-titanium) target outlined as Budd gabbro 04 on Figure 2. A review of the surface geology, 1m interval geological logging from the RC-chips and the 1m interval down-hole magnetic susceptibility readings provides an interpretive geological cross-section (Figure 3). In the drill-holes, 1m sample intervals with magnetic susceptibility between 5000 and 90,000 SI units and an abundance of magnetite have been grouped to outline bands of magnetetite (Figure 3). Broader magnetetite bands have been linked to outcrop and these suggest that the system is approaching a vertical orientation. However, infill drilling will be required to more comprehensively determine orientation and variation in thickness. The magnetite-rich bands are separated by intervals with lower and variable magnetic susceptibility that represent zones with lesser amounts of disseminated magnetite.

The entire length of each drill-hole has been sent in 1m intervals for analysis and these have been transported to Perth and received by Bureau Veritas Laboratories.

Assay results will be reported when they are available. Future work may also include the processing of samples for the Davis Tube recovery of the magnetite to determine the mass yield in the intervals of interest.

BUDRC003 to BUDRC010 represent the first holes completed into parts of Budd gabbros 06 which is overlain by copper and nickel anomalism in soil and hosts lower order magnetic anomalies. The down-hole geology has yet to be logged and interpreted in detail, but there are intercepts with magnetic susceptibility ranging from 1000 to 5000 SI units and thin magnetite-rich intervals with magnetic susceptibility greater than 5000 SI units. Many 1m interval samples report traces of sulphide (mainly pyrite) and BUDRC010 includes an interval from 53 to 60m downhole with up to 25% sulphide content. All these RC drill holes are sampled at 1m intervals and the samples have been dispatched from site and are in transit to Bureau Veritas laboratories in Perth. Results will reported when they are available.

Drilling is expected to continue until early April.

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



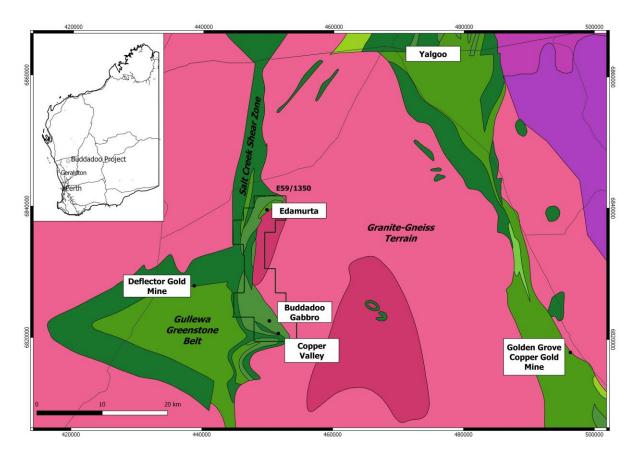


Figure 1 - Location, Geology and exploration prospects on the Buddadoo Project (E59/1350) overlain on the 1:500,000 scale digital regional geology from the Geological Survey of Western Australia.

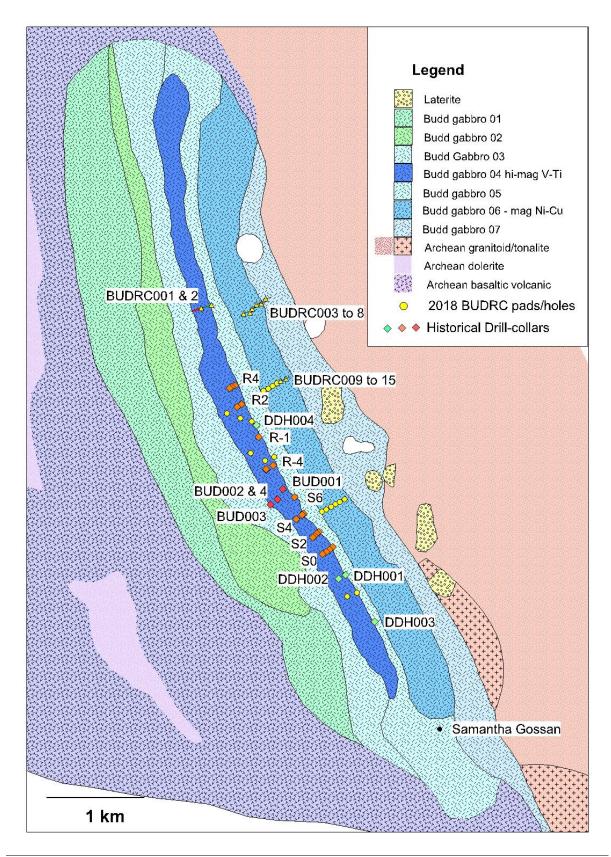


Figure 2. Location of the 2018 RC drill-pads with complete holes as yellow triangles (details in Table 1) and pads as yellow circles on the interpreted geological map for the Buddadoo Gabbro with the location of historical drill-collars.

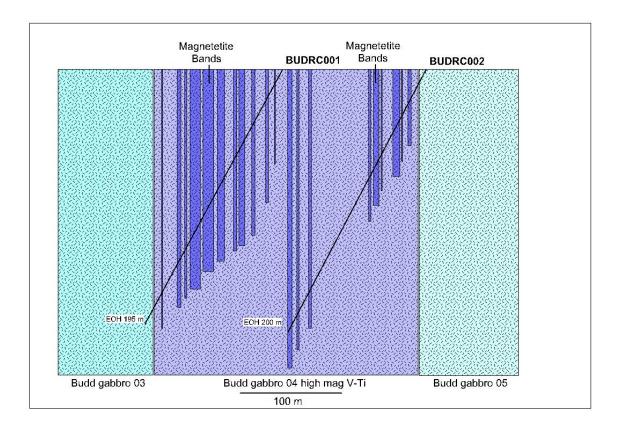


Figure 3 BUDRC001 and BUDRC002 downhole intercepts showing magnetetite (defined by magnetic susceptibility greater than 5000 SI units and an abundance of magnetite in the RC chips) and Budd gabbro 03 to 05 from Figure 2.

Table 1 Completed RC -hole locations, orientations and final depths as shown on Figure 2.

Hole_ID	Target	Easting	Northing	Dip	Azimuth	Depth
		(GDA Z50)	(GDA Z50)			
BUDRC001	V-Ti-magnetite	448953	6825693	-60	250	195
BUDRC002	V-Ti-magnetite	449054	6825726	-60	250	200
BUDRC003	Cu-Ni-anomaly	449591	6825785	-60	70	100
BUDRC004	Cu-Ni-anomaly	449545	6825741	-60	70	100
BUDRC005	Cu-Ni-anomaly	449501	6825730	-60	70	100
BUDRC006	Cu-Ni-anomaly	449457	6825687	-60	70	100
BUDRC007	Cu-Ni-anomaly	449437	6825648	-60	70	100
BUDRC008	Cu-Ni-anomaly	449374	6825640	-60	70	100
BUDRC009	Cu-Ni-anomaly	449787	6825000	-60	70	100
BUDRC010	Cu-Ni-anomaly	449738	6824978	-60	70	100

Easting and Northing are reported from a hand-held Garmin GPS at ± 5m accuracy.

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 2004 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.



Cautionary Statements

There are some historical exploration results included that have not been collected and reported in accordance with the JORC Code 2012 and the Competent Person has not done sufficient work to disclose the exploration results in accordance with JORC Code 2012. However, there is nothing that has come to the attention of the acquirer that causes it to question the accuracy or reliability of the former owner's Exploration Results but the acquirer has not independently validated the former owners Exploration Results and therefore is not to be regarded as reporting, adopting or endorsing those results. The announcement is not otherwise misleading.

Appendix 1 – Reporting of exploration results from the Buddadoo Project - JORC 2012 requirements.

Criteria	Techniques and Data 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.	Coziron Geologists collect 1-2kg of either -2mm screened soil from 5 to 10 cm beneath the surface or 1-2kg of representative rock-chips from outcrop.	
	Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.	1-2kg of either soil or rock-chip is collected 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.	
	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 50g 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.	
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).	Reverse circulation drilling.	
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	RC sampling representivity can be assessed by ensuring that each sample bag collected over the same metre interval has approximately equal volume.	
	sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.	RC drilling recovers 100% of the drill-bit diameter from the crystalline rocks that are being drilled at Buddadoo.	
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.	Drill-chips are described for geology and mineralogy and magnetic susceptibility is measured on 1m interval RC bags as a predictor of magnetite content.	
	Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.	Rock-chips are described qualitatively for colour, rock-type and grainsize.	
	The total length and percentage of the relevant intersections logged. If core, whether cut or sawn and whether	Entire drill drill-holes are logged at 1 m intervals.	
Sub-sampling techniques and sample	quarter, half or all core taken. • If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.	No core was collected for this study The RC rig uses a static cone to split approximately 5kg of chips and powder from each metre drilled.	
sample preparation	For all sample types, the nature, quality and appropriateness of the sample preparation technique.	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.	



		Soil camples are 1 2kg of 2mm field corooped	
		Soil samples are 1-2kg of -2mm field screened material collected 5 to 10 cm beneath the surface.	
		Bagged RC chips represent material sampled from the face of the hammer with minimal down-hole contamination.	
	Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.	Multiple samples are collected from each lithology during surface sampling.	
		Duplicate RC samples are collected from the splitter at a ratio of 1:20 during drilling.	
	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 rock- chip samples are collected at different outcrops to provide an indication of compositional variations associated with each lithology.	
		In early stage drilling, duplicates are introduced at a ratio of 1:20, results are reviewed continuously to determine if there is any variation in results across the range of composition or geology.	
	 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.	
	The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.	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.	
Quality of assay data and laboratory 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. 	A hand-held magnetic susceptibility meter is used as a predictor of magnetite content.	
	Nature of quality control procedures	Field duplicates are being introduced into the RC drilling programme at a ratio of 1:20 and certified reference standards at 1:50.	
	adopted (eg standards, blanks, duplicates, external laboratory checks) and whether 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.	The intersections reported are not geochemical but represents ones of high magnetic response which are priority zones to analyse for titanium and vanadium mineralisation	
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.	
Location of data points	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.	
	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 soil sampling is being used to examine prospects with the potential for mineralisation. This first stage drilling is to determine the extent and grade of mineralisation in cross-sections that are spaced at intervals across a prospective zone that is some 6km in length.	



	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.	Rock-chip and soil sampling data is not being used to generate either Mineral Resources or Ore Reserve estimations. Results from this phase of RC drilling will not be of sufficient density to generate and ore-resource or reserve.	
	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 lithologically controlled and sampling collects representative material from different lithologies.	
	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.	The drilling is oriented to intersect the mineralisation as close to perpendicular to strike and depth as possible to recover representative samples.	
Sample security	The measures taken to ensure sample security.	Samples are collected labelled and transported by Coziron Geologists to a transport company in Morawa 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. Exploration Popular	No audits or reviews have been completed.	
Criteria Criteria	of Exploration Results 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.	E59/1350 is held by 85% by Buddadoo Metals Pty Ltd and 15% by BUDF Pty Ltd.	
	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 tenements are in good standing and no known impediments exist.	
Exploration done by other parties	Acknowledgment and appraisal of exploration by other parties.	In 1991, Ivernia West carried out RAB and diamond drilling across the complex and defined an orereserve. 1.8km of strike was drilled to a depth of up to 79m with each drill section intersecting approximately 100m of stratigraphy. Metallurgical test-work was carried out that demonstrated the mineralisation could be upgraded by magnetic methods. In the late 1990s Australian Gold Resources Pty Ltd carried out surface sampling and ground and air magnetic surveys over the Buddadoo complex. In 2010 diamond drilling was carried out under supervision on the Creasy Group across the Buddadoo Complex to obtain a complete intersection of the stratigraphy.	
Geology	Deposit type, geological setting and style of mineralisation.	The Buddadoo Project is located in the Murchison Province of the Yilgarn Craton. It is situated along the eastern margin of the Gullewa Greenstone belt. The tenement geology is generally N-S striking sequence of mafic and felsic volcaniclastics, BIFs and minor sediments. A 9km x 2.5km layered intrusion, The Buddadoo Complex, has intruded along the greenstone belt in the southern half of the tenement.	
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: 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 down hole length and interception depth 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.	Eastings and Northings for the drill holes are in GDA 94 Zone 50. Dip is measured from the vertical during the set-up of the drill-rig and holes are being surveyed by Eastman camera at 100m intervals down-hole. All down-hole lengths including EOH are 1m metre intervals measured during drilling by the length of drill-rods in the ground and determined by the number of samples.	



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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.	No weighting or truncation has been applied to the geochemical data and no intercept values are reported.	
	The assumptions used for any reporting of metal equivalent values should be clearly stated.	No metal equivalents are presented.	
Dolotionahin	These relationships are particularly important in the reporting of Exploration Results.	Minoralization is heated by the Duddedon Commission	
Relationship between mineralisation widths and	If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.	Mineralisation is hosted by the Buddadoo Complex, a layered mafic intrusion containing several massive titaniferous magnetite layers. The Complex trends to the north-northwest. No drill-hole intercepts are	
intercept lengths	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').	reported.	
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	Refer to Figures in body of text	
Balanced reporting	Iocations and appropriate sectional views. 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 on the maps 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.	Relevant geological information is reported on the maps and analysis tables in the text.	
Further work	The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out drilling).	Mapping, soil and rock-chip sampling and additional drilling of the vanadiferous titanomagnetite, basemetal and gold targets is proposed.	
	Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.	The zones that are prospective for vanadiferous titanomagnetite and base-metal sulphide in the Buddadoo gabbro are outlined on the geological map.	

