

28 June 2021

ASX ANNOUNCEMENT

Carr Boyd Exploration Update

HIGHLIGHTS

- CBDD055 intersects 13.75m⁽¹⁾ mineralised zone of basal contact massive and globular Ni-Cu-Fe sulphides (Figure 1 & Table 2).
- CBDD050 intersects 6.4m⁽¹⁾ mineralised zone of matrix breccia, globular and disseminated sulphides (Figure 2 & Table 3).
- Phase 3 drilling continuing with step-out drilling of T5 conductor plates.

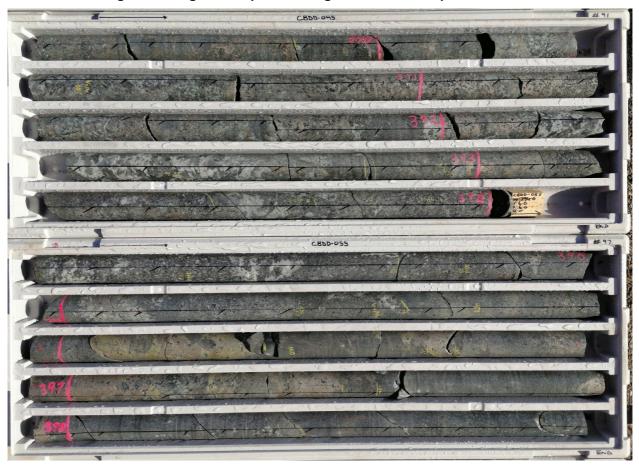


Figure 1: Massive and globular nickel-copper-iron sulphides in diamond drill hole CBDD055 on T5 basal contact.

(1): Downhole lengths are reported, true widths are approximately one half of downhole length. Nickel and copper tenor within the feeder zone is variable. Intersections are reported above a 1% visual nickel-copper-iron sulphide cut-off.

Estrella Resources Limited (ASX: ESR) (Estrella or the Company) is pleased to announce that both new parent diamond drill holes collared last week at the T5 Prospect, located within the Carr Boyd nickel-copper project approximately 80 north of Kalgoorlie, have intersected massive to globular sulphides on the basal contact.

CBDD055 Intersection Details

Hole CBDD055 targeted an area towards the middle of the T5 Conductor (Figure 3) and up-dip from hole CBDD054. The CBDD055 intersection of 13.75m of massive to globular sulphides lies at the base of a much broader sulphide intersection totalling some 44.7m downhole (Table 2). The upper area of



predominantly disseminated sulphides (355.3m – 383.8m) represents a mineralised halo above the basal sulphide zone where finer-grained sulphides are being mobilised through the T5 Feeder. The massive and globular sulphides in the lower part of the intersection show evidence of sulphide settling from a silicious plume that is believed to carry the majority of sulphides through the feeder to the T5 trap site (Figure 4). The remnants of the silica plume are evident as the light to white-coloured minerals in the core towards the centre of Figure 1.

CBDD050 Intersection Details

CBDD050 targeted an area some 30m south of CBDD055. The hole intersected 6.4m of mineralisation including two heavily sulphidic zones separated by a small mafic dyke and disseminated pyroxenite (Table 3). The globular textures are evidence of flow-stripping, where the upper zones of a basal massive sulphide is being eroded by the pyroxenite melt to form a globular to disseminated upper-halo. These sulphides are being carried towards the CBDD055 intersection area and contribute to the upper, fine grained sulphide halo as well as the globular sulphides atop of the silica plume.

The sulphides are extremely dense when compared to the magma within the flow and will not stay suspended for long once any turbidity subsides. As such the down-plunge (down-flow) location is an excellent massive sulphide exploration target. The precise location of "downstream" sulphide settling is currently being vigorously pursued with targeted drilling of the T5 pyroxenite basal contact (Figure 5).



Figure 2: Massive and globular sulphides on the basal contact in diamond drill hole CBDD050.



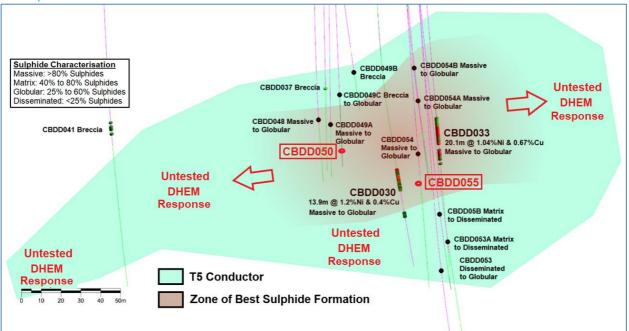


Figure 3: Continuity of massive sulphide plunges shallowly to the South (left) of image towards Carr Boyd Rocks Mine.

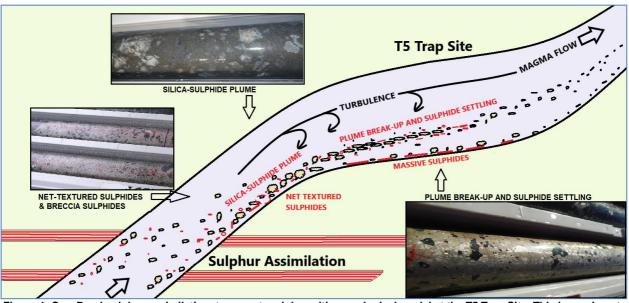


Figure 4: Carr Boyd sulphur assimilation, transport and deposition geological model at the T5 Trap Site. This image is not to scale and the extent of the T5 mineralisation has not been found to date

Estrella Managing Director Chris Daws commented:

"Our success at hitting significant zones of nickel-copper-iron sulphides continue at Carr Boyd and its extremely pleasing to see that our exploration efforts are being rewarded at the drill-bit. The understanding of Carr Boyd has greatly improved since our deep drilling program kicked off late last year and I am confident we will continue to locate metal sulphides within this very prospective system.

The Company is in the strongest position ever since acquiring Carr Boyd after the successful A\$11.3M underwriting of the Company's June options and exercise by its shareholders whom I thank for their support in this exciting project.

I look forward in what our exploration team delivers next as the high impact drilling continues 24/7"



Next Steps

The sulphide textures observed in the current drilling confirm the settling, remobilisation and re-settling of massive sulphides along the T5 Pyroxenite Feeder basal contact. The current aspect of Phase 3 drilling leads the Company to believe that the entire T5 Pyroxenite surface is in the correct orientation to be a sulphide trap with respect to the flow direction and resulting flow dynamics as demonstrated by Figures 4 and 5.

The geological model of sulphide deposition the Company is applying at Carr Boyd has been recognised in other significant world class deposits around the globe. The formation of massive sulphides on basal contacts tend not to be isolated occurrences in these very large mineralised systems and the Company continues to be excited by the level of prospectivity being demonstrated at Carr Boyd.

Phase 3 will continue to step-out along the T5 Conductor to gain important vectoring information to further areas of suggested massive sulphide deposition beyond the current T5 Electromagnetic Conductor.

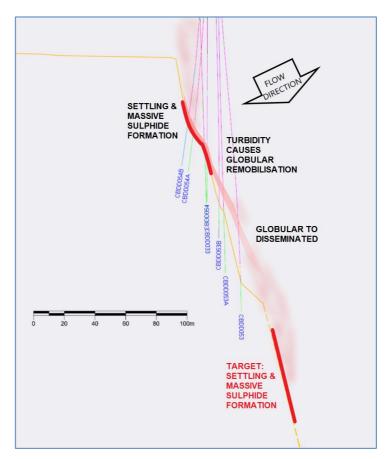


Figure 5: Sulphide remobilisation in the postulated flow direction and subsequent settling somewhere "down stream". The precise location of this settling down-dip is currently the focus of the Company's exploration efforts.



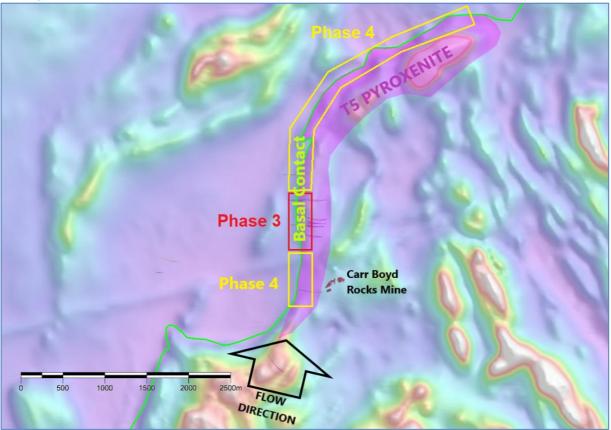


Figure 6: The T5 Basal Contact and the location of Phase 3 and Phase 4 drilling with respect to the size of the T5 Pyroxenite.

The Company believes that the entire T5 basal surface is prospective for multiple large massive nickel sulphide deposition.

The Board has authorised for this announcement to be released to the ASX.

FURTHER INFORMATION CONTACT

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Competent Person Statement

The information in this announcement relating to Exploration Results is based on information compiled by Steve Warriner, who is the Exploration Manager of Estrella Resources, and a member of The Australasian Institute of Geoscientists. Mr. Warriner has sufficient experience relevant to the style of mineralisation and type of deposit under consideration, and to the activity 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 Resource and Ore Reserves". Mr. Warriner consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.



Table 1: Drill hole collar details for CBDD050 & CBDD055

Hole ID	Final Depth	Easting	Northing	RL	Dip	Azi	Status
CBDD050	411.4	367422	6673626	429.2	-59	267	Completed
CBDD055	421	367392	6673656	429.7	-68	266	Completed

Table 2: CBDD055 Visual Estimation of Sulphide Percentages

Hole ID	m From	m To	Interval	Sulphide Texture	Visual Sulphide Estimation	Visual Pentlandite Estimation	Visual Chalcopyrite Estimation
	355.34	363.10	7.76	Highly Disseminated	20%	2%	2%
	363.10	383.78	20.68	Disseminated to Blebby	2% - 5%	0.5%	0.5%
	383.78	385.26	1.48	Massive Breccia	60%	3%	5%
CBDD055	385.26	393.52	8.26	Matrix to Globular	20%	2%	2%
	393.52	396.05	2.53	Disseminated Silica Plume	2% - 5%	0.5%	0.5%
	396.05	397.53	1.48	Massive Breccia	65%	5%	7%
	397.53	400.07	2.54	Disseminated	8%	1%	1%
	400.07	401.03	0.96	Basalt + Stringer	5%	1%	2%

Table 3: CBDD050 Visual Estimation of Sulphide Percentages

Hole ID	m From	m To	Interval	Sulphide Texture	Visual Sulphide Estimation	Visual Pentlandite Estimation	Visual Chalcopyrite Estimation
	388.40	389.00	0.60	Globular	20%	2%	3%
	389.00	389.56	0.56	Disseminated	5%	0.5%	0.5%
	389.56	390.10	0.54	Globular	20%	2%	3%
	390.10	390.59	0.49	Massive Breccia	50%	5%	10%
	390.59	392.18	1.59	Disseminated	5%	0.5%	0.5%
CBDD050	392.18	392.37	0.19	Stringer	10%	1%	4%
СБББСС	392.37	392.79	0.42	Disseminated	5%	0.5%	0.5%
	392.79	393.47	0.68	Massive Breccia	30%	2.5%	2.5%
	393.47	393.82	0.35	Dolerite Dyke + Stringer	1%	0.5%	0.5%
	393.82	394.79	0.97	Semi Massive	50%	2%	18%
	394.79	395.16	0.37	Basalt + Stringer	1%	Tr%	0.5%

In relation to the disclosure of visual mineralisation, the Company cautions that visual estimates of sulphide abundance should never be considered a proxy or substitute for laboratory analysis. Laboratory assay results are required to determine the widths and grade of mineralisation. The Company will update the market when laboratory analytical results become available.



APPENDIX 1 JORC TABLE 1 - JORC CODE, 2012 EDITION - TABLE 1

Section 1 Sampling Techniques and Data

	ampling Techniques and Data section apply to all succeeding sections.)	
Criteria	JORC Code explanation	Commentary
Sampling techniques	 Nature and quality of sampling (e.g. 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. 	 core saw. 0.25m-1.1m samples are collected from the core trays as marked out by the supervising geologist. A handheld XRF tool was used to verify the mineralisation with samples reporting >0.3% Ni in disseminated zones and >1% Ni in the matrix sulphide zones. XRF results have not been reported and are used as a
	 Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used. 	representative and no bias is introduced. Cutting of
	 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 (e.g. 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg 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 (e.g. submarine nodules) may warrant disclosure of detailed information	 samples from the core barrel which are then marked in one meter intervals, based on core block measurements. Samples are selected based on geological logging boundaries or on nominal meter marks. Collected samples weigh a nominal 2-3 kg (depending on sample length). Samples have been dispatched to an accredited commercial laboratory in Perth for analysis. Samples are being analysed using a 4-acid digest, ME-ICP for 33 elements and ore zone samples are also being
Drilling techniques	 Drill type (e.g. core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc) and details (e.g. core diameter, triple or standard tube, depth of diamond tails, facesampling bit or other type, whether core is oriented and if so, by what method, etc). 	HQ rough cored to top of fresh rock then NQ2 cored to EOH.
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. 	 by the geologist. RQD measurements were digitally recorded to ensure recovery details were captured. Sample recovery in all mineralised zones is high with negligible core loss observed. Diamond core drilling is the highest standard and no relationship has been established between sample recovery and reported grade as the core is in very good

fine/coarse material.



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Criteria	JORC Code explanation	Commentary
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. Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography. The total length and percentage of the relevant intersections logged. 	 Detailed industry standard of collecting core in core trays, marking meter intervals & drawing core orientation lines was undertaken. Core trays were photographed wet and dry prior to sampling. Drill hole logs are recorded in Excel spread sheets and validated in Micromine Software as the drilling progresses. The entire length of all holes is logged.
Sub- sampling techniques and sample preparation	 If core, whether cut or sawn and whether quarter, half or all core taken. If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry. For all sample types, the nature, quality and appropriateness of the sample preparation technique. Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples. 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. Whether sample sizes are appropriate to the grain size of the material being sampled. 	 Core is half cut using an automatic core saw to achieve a half-core sample for laboratory submission. The sample preparation technique is considered industry best standard practice. No field duplicates have been collected in this program. Field duplicates will be collected once initial results are returned and resampling of the mineralised zones is warranted. Sample sizes are appropriate to the grain size of the mineralisation.
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. Nature of quality control procedures adopted (e.g. standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (i.e. lack of bias) and precision have been established. 	 No handheld XRF results are reported however the tool was used to verify the mineralisation with reporting >0.3% Ni in disseminated zones and >1% Ni in the matrix sulphide zones. DHTEM parameters are as follows; Tx Loop size: 500 x 800 m Transmitter: GAP HPTX-70 Receiver: EMIT SMARTem24 Sensor: EMIT DigiAtlantis Station spacing: 2m to 10m Tx Freq: 0.5 Hz Duty cycle: 50% Current: ~130 Amp Stacks: 32-64 Readings: 2-3 repeatable readings per station
Verification of sampling and assaying	 The verification of significant intersections by either independent or alternative company personnel. The use of twinned holes. 	 Results verified internally by Company personnel Hole CBDD0028 is twinning hole CBP042. No other
	Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.	 twinning is warranted at this stage. The data was collected and logged using Excel spreadsheets and validated using Micromine Software. The data will be loaded into an externally hosted and managed database.
	Discuss any adjustment to assay data.	 No adjustments have been made to the assay data other than length weighted averaging.



Criteria	JORC Code explanation	Commentary
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. 	 The holes were pegged using a hand-held GPS ± 3m The rig was setup over the nominated hole position and final GPS pickup occurred at the completion of the hole. Holes are progressively surveyed by DGPS on a batch basis.
	 Specification of the grid system used. 	• MGA94_51
	 Quality and adequacy of topographic control. 	 Topography is relatively flat and control is more than adequate given the early stage of the project. A 3D drone ortho-photographic survey had been used to create a DTM of the project area.
Data spacing	 Data spacing for reporting of Exploration Results. 	Refer to Cross Sections and Plans included
and distribution	 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. 	Not applicable, no Mineral Resource is being stated.
	Whether sample compositing has been applied	 No compositing has been applied. Intercepts are quoted as length weighted intervals.
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. 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 drill hole orientation does not introduce a sample bias.
Sample security	 The measures taken to ensure sample security. 	 Samples are in the possession of Estrella's personnel from field collection to laboratory submission.
Audits or reviews	 The results of any audits or reviews of sampling techniques and data. 	 No audits or reviews have been conducted for this release given the early stage of the project.



RESOURCES				
Section 2 Rep	ting of Explorat	ion Results		
(Criteria listed in	preceding section	also apply to this se	ection	.)
Criteria	ORC Code explanat	tion	Com	nmentary
Mineral tenement and land tenure status		nership including aterial issues with as joint ventures, erriding royalties, its, historical sites, ational park and itings. The tenure held at the gralong with any ints to obtaining a	•	Carr Boyd Nickel Pty Ltd (a wholly owned subsidiary of ESR) holds a 100% interest in the nickel and base metal rights to the project. There are no known impediments to operate in the area.
Exploration done by other parties	•	and appraisal of	•	The Carr Boyd Rocks deposit was discovered by Great Boulder Mines, in a joint venture with North Kalgurli Ltd in 1968. The deposit was mined between 1972 and 1975, during which time they explored for additional breccia pipe occurrences near the mine. WMC acquired Great Boulder Mines Ltd in 1975, briefly reopening the mine in 1977 before closing it permanently shortly thereafter due to a collapse in the nickel price. The mine had produced 210,000t at 1.44% Ni and 0.46% Cu before its closure. From 1968 Pacminex Pty Ltd held most of the ground over the CBLC outside of the immediate mine area. Between 1968 and 1971 they conducted extensive exploration programs searching for large basal contact and/or stratabound Ni-Cu deposits. It was during this

- time that most of the disseminated and cloud sulphide occurrences such as those at Tregurtha, West Tregurtha and Gossan Hill were discovered.
- Defiance Mining acquired the regional tenements from Pacminex in 1987 and focused on exploration for PGE deposits between 1987 and 1990. In 1990 Defiance purchased the Carr Boyd Rocks mine from WMC and switched focus to the mine area between 1990 and 2001, leaving many PGE targets untested.
- From 1990 Defiance dewatered the mine to conduct testwork and feasibility studies on the remnant mineralisation. Metallurgical testwork, Mineral Resource estimations, and scoping studies were completed. Around 1996 the focus shifted again to regional exploration for large tonnage basal contact deposits.
- In 2001 Titan Resources Ltd (Titan) acquired the project and recommenced economic evaluations of the remnant material at Carr Boyd Rocks before embarking on another regional exploration program focusing on the basal contact. An aeromagnetic survey, airborne EM reprocessing, and several programs of RAB and RC drilling were completed.
- From 2005 Yilgarn Mining entered a JV with Titan and continued with some regional exploration, but focused most attention in and around the Carr Boyd Rocks mine.
- In 2007 Titan was acquired by Consolidated Minerals Ltd (Consmin). Consmin conducted IP surveys and detailed gravity surveys, but did not drill any targets before selling the project to Salt Lake Mining (SLM) in 2013. SLM completed limited drilling to meet expenditure



Criteria	JORC Code explanation	Commentary
Shona -	Serve code explanation	commitments, before selling the project to Apollo Phoenix Resources in 2016. • Apollo sold the project to ESR in 2018.
Geology	Deposit type, geological setting and style of mineralisation.	 The Carr Boyd project lies within the Achaean Yilgarn Craton in a 700km belt of elongate deformed and folded mafic, ultramafic rocks and volcanic sediments intruded by granitoids which is referred to as the Norseman-Wiluna Belt. The belt has been divided into several geological distinct terranes, with the project area lying at the northern end of the Gindalbie terrane (Swager, 1996). The geology of the Carr Boyd area is dominated by the Carr Boyd mafic-ultramafic intrusive complex (CBIC). Several distinctive styles of Ni and Ni-Cu mineralisation have been identified within the CBIC. At the Carr Boyd Rocks Nickel Mine Ni-Cu mineralisation is hosted within several 20 - 60m diameter brecciated pipe-like bodies that appear to be discordant to the magmatic stratigraphy. Mineralisation is hosted by a matrix of sulphides (pyrrhotite, pentlandite, pyrite and chalcopyrite) within brecciated Bronzite and altered country rock clasts. Stratiform Ni-Cu-PGE mineralisation has been identified at several different locations within the layered magmatic complex. Estrella is in the process of re-mapping and reclassifying the Carr Boyd Igneous Complex. Previous "Layered Intrusive" models are misleading as the complex is made up of many overprinted and juxtaposed, smaller layered and non-layered intrusives that have progressed from Ultramafic to Mafic over time. The complex is better described as a magma feeder zone, where the earliest melts passing through the Morelands Formation have assimilated graphitic sulphidic shales, reached sulphur saturation and deposited nickel sulphides along basal contacts. These basal contacts are not restricted to the base of the complex, but can form within the complex, wherever access was gained by these earlier flows. The complex has then been intruded and inflated over time by progressively more mafic, barren magmas to produce what we see today.
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: Begin easting and northing of the drill hole collar Belevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar Begin eight in dip and azimuth of the hole down hole length and interception depth Begin hole hole length.	All relevant drillhole information can be found in the Tables and sections within the announcement.



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Criteria	JORC Code explanationIf the exclusion of this information is	Commentary
	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.	No information is excluded.
Data aggregation methods	 In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (e.g. 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. 	 Intersections are reported on a 0.5% Ni cut-off with SG and length weighted intervals. All intercepts are reported using SG and length weighted intervals.
	 The assumptions used for any reporting of metal equivalent values should be clearly stated. 	No metal equivalents have been stated
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 (e.g. 'down hole length, true width not known'). 	 True widths have not been stated. The variable orientation of mineralisation within magma feeders combined with a structural overprint and steep drill angles make true width calculations highly misleading.
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. 	 Maps and sections with drill hole locations are included in the announcement.
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 new drillhole information within this announcement is 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	 Everything meaningful and material is disclosed in the body of the report. Geological observations are included in the report. No bulk samples, metallurgical, bulk density, groundwater, geotechnical and/or rock characteristics test were carried out.



Criteria	JORC Code explanation	Commentary
	samples – size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.	There are no known potential deleterious or contaminating substances.
Further work	 The nature and scale of planned further work (e.g. 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 and DHTEM geophysical testing is continuing.