

ASX RELEASE

5 July 2023

Assays Confirm Significantly Thicker Massive Nickel Sulphide Intersection at Dimma Nickel Discovery

HIGHLIGHTS

- Assays confirm that TED53 intersected 4.31m of massive and semi-massive Ni-sulphide grading 1.37% Ni, 0.13% copper (Cu) and 0.539 g/t platinum (Pt) plus (+) palladium (Pd) from 332m downhole
- Results confirm the <u>high-grade nickel intersection in TED53 is twice as thick</u> as first thought and as announced on 12 April 2023
- TED53 intersection extends the massive sulphide intersected in diamond hole TED42 at Dimma by approximately 15m to the south at a similar depth
- The intersection of massive Ni-sulphides in TED42 was confirmed by geochemistry to be 3.13m thick (downhole only) grading 1.42% Ni, 0.17% Cu and 0.605 g/t Pt+Pd from 314m downhole
- Dimma is one of four (4) massive and semi-massive Ni-sulphide discoveries at Toro's 100% owned Dusty Nickel Project, located in the Yandal Greenstone Belt, some 50km east of the world class Mt Keith Nickel Deposit (see below)
- Only ~4km of the 7.5km long Dusty Komatiite magnetic trend has been tested to date and Toro has already discovered four zones of massive or semi-massive Ni-sulphide

Management Commentary:

Commenting on the excellent results from TED53, Toro's Executive Chairman, Richard Homsany, said:

"This is yet another excellent intersection of massive Ni-sulphide mineralisation at the Dimma Nickel Discovery. The fact that the high grade nickel sulphide mineralisation is twice as thick as first thought also provides us with encouragement for the amount of nickel that may be present at Dimma. This also builds on the impressive suite of results we have reported from our rapidly emerging Dusty Nickel Project over the past 6 months, as we continue to demonstrate the district-scale potential of this asset.

The potential strike at Dimma continues to grow, as there has been no drilling further south or north of TED53 or TED42, showing that the discovery remains open along strike, north and south. TED53 and TED42 are also the deepest holes drilled to date, showing the discovery remains open at depth.

All four discoveries to date on the Dusty Nickel Project remain open at depth and with all four discoveries along strike over only some 2km of the Dusty Komatiite, we believe the Dusty Nickel Project has high potential to deliver considerable value for the Company alongside its uranium assets."



Toro Energy Limited (**ASX: TOE**) ('the **Company**' or '**Toro**') is pleased to announce that geochemical assays have confirmed that diamond drill hole TED53 intersected a further 4.31m of massive and semi-massive Ni-sulphide at the Dimma Ni Discovery site (**Figure 1**) within the Company's 100% owned Dusty Nickel Project (**Figure 2**). The Dusty Nickel Project ('the **Project**') is located in the Yandal Greenstone Belt, 50km east of the world class Mt Keith Nickel Deposit (**Figure 2**).

The results of the laboratory based geochemical analysis confirmed that diamond drill hole TED53 intersected 4.31m of massive and semi-massive Ni-sulphide grading 1.37% Ni, 0.13% copper (Cu) and 0.539 g/t Pt+Pd from 332m downhole. This is twice as thick as previously thought and as announced on 12 April 2023, after the preliminary observations and analysis with hand held portable X-Ray Fluorescence instrument (hh-pXRF).

The massive sulphide intersection in TED53 extends the previous massive sulphide intersection at Dimma in diamond drill hole TED42 approximately 15m to the south. Geochemistry has confirmed that TED42 intersected 3.13m of massive Ni-sulphide grading 1.42% Ni, 0.17% Cu and 0.605 g/t Pt+Pd from 314m downhole.

TED53 and TED42 are the deepest holes drilled at Dimma to date, showing that the Dimma discovery remains open at depth. There has been no drilling further south or north of TED53 or TED42, showing that the discovery is also open along strike, north and south. As announced previously, the Dimma discovery so far represents an open lens of continuous massive Ni-sulphide mineralisation over some 160m of downdip extent from TED55 (refer to ASX announcement of 24 May 2023) through TED54 (refer to ASX announcement of 24 February 2023) through to TED42 (refer to ASX announcement of 15 June 2023) and TED53.

The Dimma discovery is located approximately 400m to the SSE of the Jumping Jack discovery, which is in turn located approximately 400m SSE of the Houli Dooley discovery and 800m SSE of the original Dusty discovery. The Ni mineralisation at Dimma is geologically located proximal to the base of the Dusty Komatiite consistent with all other intersections of massive Ni-sulphide within the Project to date.

All drill hole details and significant figures relevant to this ASX announcement can be found in **Appendix 1** and **Appendix 2** respectively. A JORC Table 1 can be found in **Appendix 3**.



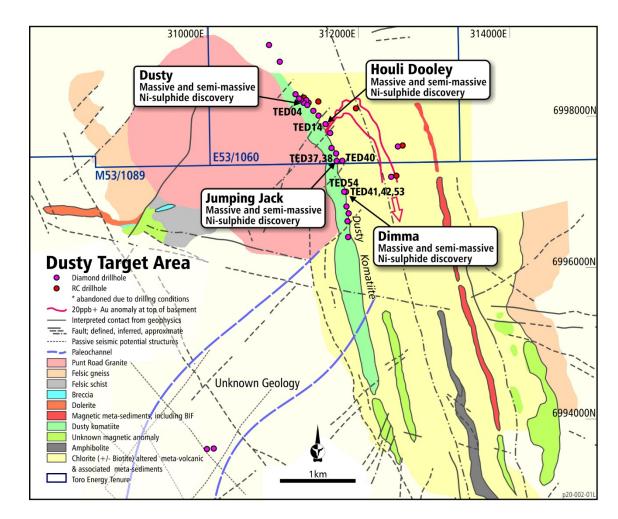


Figure 1: Location of diamond drill hole TED53 and the Dimma Ni-sulphide discovery relative to the three other nickel sulphide discoveries within the Dusty Target Area. Note the extensive strike length of the Dusty Komatiite, at least 7.5km long.



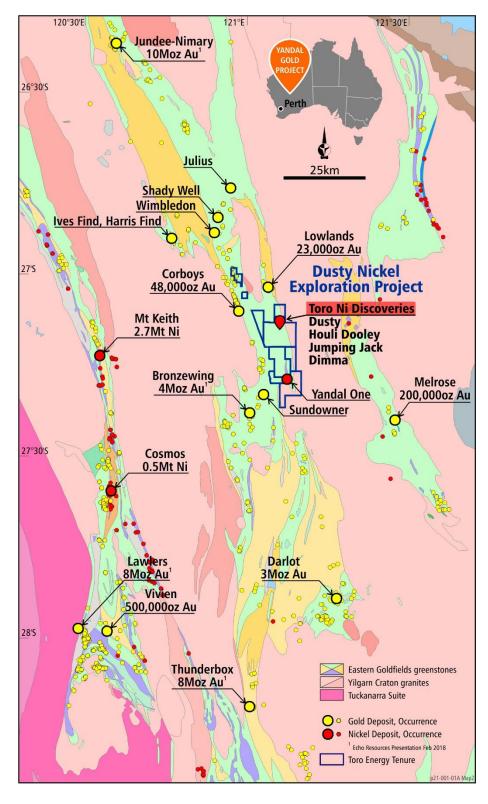


Figure 2: Location of the Dusty Nickel Project and the recent Toro Ni-sulphide discoveries



This announcement was authorised for issue by the board of Toro Energy Limited.

Katherine Garvey Legal Counsel and Company Secretary, Toro Energy Limited. 60 Havelock Street, West Perth WA 6005

FURTHER INFORMATION:

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Competent Persons Statement

The information in this document that relates to geology and exploration was authorised by Dr Greg Shirtliff, who is a full-time employee of Toro Energy Limited. Dr Shirtliff is a Member of the Australian Institute of Mining and Metallurgy and has sufficient experience of relevance to the tasks with which they were employed to qualify as a Competent Person as defined in the 2012 Edition of the Joint Ore reserves Committee (JORC) Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Dr Shirtliff consents to the inclusion in the report of matters based on information in the form and context in which it appears.



Appendix 1: Summary Table of drill hole details for drill holes referenced in this ASX announcement.

	Hole_ID	Easting	Northing	Elevation	Method	Azimuth	Dip	EOH Depth
)	TED53	311861.835	6997006.474	567.453	DGPS	270	60	381.8
	TED42	311838.87	6997003.172	470.731	DGPS	270	65	489.7

The collar location references are using the GDA94 Zone 51 datum system. DGPS = Differential Global Positioning System, Hh = hand held, DMT = Did not Meet Target.



Appendix 2: Table of significant figures relevant to this ASX announcement.

HOLE ID	Depth From m	Depth To m	Interval Width m	Av. Copper (Cu) wt%	Av. Platinum + Palladium (Pt+Pd) g/t	Av. Nickel (Ni) wt%	Ni-cutoff wt% Ni	Dilution (m)
TED53	332	336.31	4.31	0.13	0.539	1.37	0.3	0.48
TED42	314	317.13	3.13	0.17	0.605	1.42	0.4	0.37

See the JORC Table 1 in Appendix 3 for details of geochemical assay methods.



Appendix 3 – JORC Table 1 Report

JORC Code, 2012 Edition – Table 1 report Yandal Gold Project

Section 1 Sampling Techniques & Data

(Criteria in this section apply to all succeeding sections.)

Criteria	JORC Code explanation	Commentary
Sampling techniques	 Nature & 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. Include reference to measures taken to ensure sample representivity & the appropriate calibration of any measurement tools or systems used. 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 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 (e.g. submarine nodules) may warrant disclosure of detailed information. 	 The geochemical samples referenced with assay results in this ASX announcement represent half core from NQ2 diamond core (50.6mm diameter as full core). The core is cut in the field by a portable core cutter circular saw using a diamond blade. Sampling intervals have been carefully selected based on the target mineralisation so as to better ascertain alteration mineralogy and geochemistry associated directly with the mineralisation for exploration purposes. Sampling intervals are also selected on a continuous basis so that full 1m assay results can be quantified and announced, which means submetre intervals are selected so that when grouped together they add to a full metre. The cut line for the half core sample is selective and determined based on the best knowledge available for which geological features host the target mineralisation. For example, if it is a certain structure, the structure is 'halved', if it is foliation the foliation is 'halved'. This method is used to make sure the sample is as representative as possible of the 'true' concentration of the target element in the core. In some instances, hand-held portable XRF method has been used to ascertain very approximate ranges of transition element concentrations and if so this method has been explained in Appendix 1 of this ASX announcement.
Drilling techniques	 Drill type (eg core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc.) & details (e.g. core 	 All drilling related to drill holes discussed in this ASX announcement utilised a combination of mud- rotary (MR), to first drill through the paleochannel,

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Criteria

JORC Code explanation

diameter, triple or standard tube, depth of

	diamond tails, face-sampling bit or other type, whether core is oriented & if so, by what method, etc.).	The diamond drilling was used to collect NQ2 core (50.6mm diameter) from the drill hole with standard tube. Core orientation was achieved by referencing the bottom of hole with a Reflex downhole orientation tool for each core sample tube. Drill core was refitted where broken from sample tube by jig-saw matching where possible. A line was drawn along core to reference the bottom of hole orientation for referencing structural measurements to.
		 No orientation was achieved on TED05 as it was a vertical hole intended to for use a water bore going forward.
Drill sample recovery	 Method of recording & assessing core & chip sample recoveries & results assessed. Measures taken to maximise sample recovery & ensure representative nature of the samples. 	 Recovery was not recorded for the MR drilling. Core loss was recorded by the driller and checked by the geologist when measuring up the core. Core loss was marked in the core storage trays with core blocks.
	Whether a relationship exists between sample recovery & grade & whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.	 To minimise core loss the driller was notified of any known difficult ground conditions and the depths at which they may be encountered to ensure the driller could adjust his drilling technique prior to intersecting them.
		 Not enough geochemistry data has been accumulated to date to make an assessment of any bias of geochemical assay results due to core loss.
Logging	 Whether core & chip samples have been geologically & geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies & metallurgical studies. 	 Logging of soft sediment MR drilling samples of the paleochannel is on a metre by metre or 2 metre basis. Given the paleochannel is not the target geology, the geology is only recorded where no drilling has occurred in the location already.
	Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc.) photography. The state of the	 Logging of diamond core is achieved both at the drill rig and at the exploration camp on portable core racking prior to sample selection and core cutting.
	The total length & percentage of the relevant intersections logged.	 Both geology and structures/veins are logged throughout the core. Alpha and beta angles are used for structural orientation relative to the core axis and then converted to true orientation after consideration of the dip and azimuth of the drill hole at the particular downhole depths.
		 All geological intervals are logged to the closest 1cm although it is obvious that such accuracy is within the error in overall length that will occur from drilling to receiving the core at the logging table.
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Commentary

followed by Diamond drilling in the basement rock.



JORC Code explanation

Criteria

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	 Hand held pXRF analysis is used to aid in the identification of major rock types, in particular for ascertaining potential protoliths through areas of intensive alteration.
	 All core is measured and checked to the drillers log for depth correction and oriented with a core axis line drawn for bottom of core.
5	 Geological logging is qualitative and quantitative in nature.
	 Visual estimations of sulphides and geological interpretations are based on examination of drill core using the naked eye and a 20x hand lens during drilling operations.
	 It should be noted that whilst % mineral proportions are based on standards as set out by JORC, they are estimation only and can be subjective to individual geologists to some degree.
	 Details of the sulphides, type, nature of occurrence and general % proportion estimation are found within the text of the announcement if reported at all.
Sub-sampling • If core, whether cut or sawn & whether	 In-field sampling techniques are described above.
techniques & sample preparation If non-core, whether riffled, tube sampled, rotary split, etc. & whether sampled wet or dry. For all sample types, the nature, quality &	 At the lab, samples were crushed to a nominal 2mm using a jaw crusher before being split using a rotary splitter (or riffle splitter when rotary splitter is not available) into 400-700g samples for pulverising.
appropriateness of the sample preparation technique. • Quality control procedures adopted for all	 Samples were pulverised to a nominal >90% passing 75 micron for which a 100g sample was then selected for analysis. A spatula was used to sample from the pulverised sample for digestion.
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	The ALS and Bureau Veritas geochemical laboratories in Perth that are used for this Project both use their own internal standards and blanks as well as flushing and cleaning methods accredited by international standards.
 sampling. Whether sample sizes are appropriate to 	 Sample sizes and splits are considered appropriate to the grain size of the material being sampled as according to the Gi standard formulas.
the grain size of the material being sampled.	 The laboratory introduced geochemical standards for specific elements and of different grades as per the geologist's instructions at the rate of 1 in 20 or 5% or at smaller intervals. In this case the specific
	standards used were targeted for gold (Au).
	 standards used were targeted for gold (Au). To estimate total error, field duplicates are taken to undergo all the same crushing, splitting and milling

Commentary



Criteria	JORC Code explanation	Commentary
		procedures at the lab. A field duplicate is taken at a rate of approximately 1 in 20 samples or 5% of the sample stream or where considered appropriate due to observations of the drill core and according to the geologist's instructions.
		 All duplicates are 'true duplicates', that is they are the other half of the core sampled, which means no core remains in areas of duplicate sampling. Due to the early stage of exploration and need to preserve core for observation and further study, duplicate sampling has been limited to 10cm lengths of core at this stage.
Quality of assay data & laboratory tests	 The nature, quality & appropriateness of the assaying & laboratory procedures used & whether the technique is considered partial or total. For geophysical tools, spectrometers, handheld XRF instruments, etc., the parameters used in determining the analysis including instrument make & model, reading times, calibrations factors applied & their derivation, etc. Nature of quality control procedures adopted (e.g. standards, blanks, duplicates, external laboratory checks) & whether acceptable levels of accuracy (i.e. lack of bias) & precision have been established. 	 Gold (Au), Platinum (Pt) and Palladium (Pd) were analysed by Fire Assay and Inductively Coupled Plasma Mass Spectrometry (ICPMS) finish which has a detection limit of 0.001g/t Au. All other elements are analysed by ICP with either a MS or Optical Emission Spectrometry (OES) finish, whichever is most accurate for the individual element within the matrix of the sample being analysed. A combination of a lab developed mixed acid digest and peroxide fusion followed by dilute HCl digest were used to get elements into solution (excluding Au) prior to analysis and the most accurate method chosen for each element based on matrix geochemistry (post initial analyses). This analytical technique is considered a total analysis for all intent and purposes. No other analytical techniques are relevant to reporting in this ASX announcement. All QAQC procedures (duplicates etc) have been outlined above. Acceptable levels of accuracy for all data referenced in this ASX announcement have been achieved given the purpose of the analysis (first pass exploration)
Verification of sampling & assaying	The verification of significant intersections by either independent or alternative company personnel.	All intervals selected for sampling are made by geologists in the field and double checked by their supervising geologist.
	The use of twinned holes.	The same procedure as above is completed for the
	 Documentation of primary data, data entry procedures, data verification, data storage (physical & electronic) protocols. 	determination of significant intervals and their cut- offs for the reporting of geochemical assay results
		 There are no twinned holes reported on in this ASX announcement.
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Criteria	JORC Code explanation	Commentary
	Discuss any adjustment to assay data.	
Location of data points	 Accuracy & quality of surveys used to locate drill holes (collar & down-hole surveys), trenches, mine workings & other locations used in Mineral Resource estimation. Specification of the grid system used. Quality & adequacy of topographic control. 	 All drill hole collars referenced in this ASS announcement have been surveyed for easting northing & elevation using handheld GPS at this stage only unless otherwise stated. At the end of the drilling campaign a DGPS with 10cm horizontal and vertical accuracy is used to survey in the dri hole collars.
Data spacing & distribution	 Data spacing for reporting of Exploration Results. Whether the data spacing & distribution is sufficient to establish the degree of geological & grade continuity appropriate for the Mineral Resource & Ore Reserve estimation procedure(s)&classifications applied. 	 Drilling has been for exploration only, spacing varies between targets. A map of all drill hole locations referenced in this ASX announcement has been provided in the text of the announcement A drill hole collar table was provided in Appendix 1 No sample compositing has been applied to data referenced in this ASX announcement.
	 Whether sample compositing has been applied. 	
Orientation of data in relation to geological structure	Whether the orientation of sampling achieves unbiased sampling of possible structures & the extent to which this is known, considering the deposit type.	 As sampling of half core is selective based on the knowledge of the controls on mineralisation, where structure is an important control on mineralisation it is sampled accordingly to reduce any bias.
Structure	 If the relationship between the drilling orientation & the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed & reported if material. 	 Samples are carefully selected according to the geological features hosting the mineralisation so as to be as representative as possible. Furthe details of this process are outlined above.
Sample security	The measures taken to ensure sample security.	 All samples are given a project scale code and consecutive sample number that has no reference to drill hole, depth in drill hole or location of drill hole thus ensuring anonymity of sample numbers.
		 All samples are bagged in calico bags inside poly weave bags inside bulla bags for transport Samples are either delivered personally to the laboratory by the field geologist or field manager deemed important or transported to Perth be appropriate transport company within 1-2 days of delivery to in-field dock/pick-up location.
Audits or reviews	The results of any audits or reviews of sampling techniques & data.	Not applicable



Section 2 Reporting of Exploration Results

(Criteria listed in the preceding section also apply to this section.)

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Criteria	JORC Code explanation	Co	ommentary
Mineral tenement & land tenure status	 Type, reference name/number, location & 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 & 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. 	•	The Yandal Gold Project and Dusty Nickel Project are located approximately 770km km NE of Perth and less than 35km NE of the Bronzewing Gold Mine operations. The project includes the tenements M53/1089, E53/1211, E53/1060, E53/1210 and E37/1146 which are 100% owned by Redport Exploration Pty Ltd (subject to the agreements referred to below), as well as E53/1858, E53/1929 and E53/1909, which are 100% owned by Toro Exploration Pty Ltd. Redport Exploration Pty Ltd and Toro Exploration Pty Ltd are both wholly owned subsidiaries of Toro Energy Ltd.
		•	All tenements are granted.
		•	A heritage agreement has been entered into with the traditional owners of the land the subject of the Yandal Gold Project.
		•	M53/1089 is subject to agreements with JAURD International Lake Maitland Project Pty Ltd (JAURD) and ITOCHU Minerals and Energy of Australia Pty Ltd (IMEA) under which JAURD and IMEA can acquire a 35% interest inM53/1089 and certain associated assets.
		•	The agreements with JAURD and ITOCHU may also be extended, at JAURD and IMEA's election, to uranium rights only on E53/1211, E53/1060, E53/1210 and E37/1146.
))		•	Toro Exploration Pty Ltd has rights to all minerals on E53/1858, E53/1909 and E53/1929.
			Toro has agreed to pay JAURD and IMEA net smelter return royalty on non-uranium minerals produced from E53/1211, E53/1060, E53/1210 and E37/1146. The exact percentage of that royalty will depend on Toro's interest in the non-uranium rights at the time and will range from 2% to 6.67%.
		•	E53/1060 is subject to a 1% gross royalty on all minerals produced and sold from that tenement. M53/1089 is subject to a 1% net

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Criteria	JORC Code explanation	Commentary
		smelter return royalty on gold and on all other metals derived from that tenement, in addition to a 1% gross royalty on all minerals produced and sold from a discrete area within that tenement.
Exploration done by other parties	Acknowledgment & appraisal of exploration by other parties.	• Almost all drilling on the Yandal Gold Project and Dusty Nickel Project exploration ground has targeted carbonate associated shallow groundwater uranium deposits. As such, prior to 2016 there was no drilling that penetrated the basement. The only exploration targeting gold or other metals in the basement rocks of the project area was 19 RC holes drilled by Toro targeting nickel in November-December 2016. A total of 18 holes were drilled into the southern part of the project area in E53/1210 and one hole was drilled into the area presented in this announcement (Christmas gold prospect) on E53/1060. The former holes were unsuccessful but the latter hole found a trace of gold that has contributed to the targeting of the area represented by the Christmas gold prospect.
Geology	Deposit type, geological setting & style of mineralisation.	 Target mineralisation is Yandal style gold, and Yilgarn style ultramafic hosted nickel sulphide. Yandal style gold is gold in veins and fractures, often associated with sulphides and related to late NE and NW structures over sheared Archaean greenstone and granitoid geology oriented sub-vertically in a N-S lineament. Gold is concentrated in the greenstones but can be found in granitoid near to greenstone- granitoid contact zones.
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 & northing of the drill hole collar elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar dip & azimuth of the hole down hole length & interception depth hole length. 	All the information relevant to the drill holes referenced in this ASX announcement is contained in Appendix 1 and 2. Elevations are given where a DGPS has been used but otherwise it has not been given due to the known problems of hand held GPS devices to give accurate elevations.



Criteria	JORC Code explanation	Commentary
	If the exclusion of this information is justified on the basis that the information is not Material & 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 (e.g. cutting of high grades)&cut-off grades are usually Material & should be stated. 	 No data aggregation methods have been used in this ASX announcement. No cut-offs have been used to report the grades of mineralisation in this ASX
	 Where aggregate intercepts incorporate short lengths of high grade results & longer lengths of low grade results, the procedure used for such aggregation should be stated & some typical examples of such aggregations should be shown in detail. 	announcement.
	 The assumptions used for any reporting of metal equivalent values should be clearly stated. 	
Relationship between	 These relationships are particularly important in the reporting of Exploration Results. 	No true widths have been stated in this ASX announcement, all relate to downhole
mineralisation widths & intercept lengths	 If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported. 	intercept lengths. This has been adequately reported in the text of the announcement.
	 If it is not known & 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'). 	
Diagrams	Appropriate maps & sections (with scales)&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 & appropriate sectional views.	All provided above within the ASX announcement.
Balanced reporting	Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low & high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results.	All relevant information is provided in the text of this ASX announcement.
Other substantive exploration data	Other exploration data, if meaningful & material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples – size & method of treatment; metallurgical test results; bulk density, groundwater, geotechnical & rock characteristics; potential deleterious or contaminating substances.	No other exploration data collected is considered material to this announcement.



Criteria	J	ORC Code explanation	C	ommentary
Further work	•	The nature & scale of planned further work (e.g. tests for lateral extensions or depth extensions or large-scale step-out drilling).	•	The details of the nature of future work around the Dusty Project nickel discoveries has yet to be determined.
	•	Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations & future drilling areas, provided this information is not commercially sensitive.		

Section 3 Estimation & Reporting of Mineral Resources

NOT APPLICABLE