



Second Drillhole Intersects Massive Sulphides At The VC1 Target

- NDD0002 intersected approximately 3.6m of massive sulphide (two zones), 0.5m of semimassive sulphide (one zone), and 6.9m of veined, blebby, and breccia sulphide (two zones)
- Massive sulphide mineralisation appears to be thickening to the south
- The third hole, NDD0003, will be drilled 85m south of NDD0002 to track the thicker sulphide accumulation further up plunge to the south
- Portable XRF (pXRF) analyses confirm nickel and copper are present in sulphides

Aldoro Resources Limited (Aldoro, The Company) (ASX: ARN) is pleased to announce the results of the second diamond hole NDD0002, testing the VC1 target at the Narndee Igneous Complex (NIC, The Project). Drillhole NDD0002 intersected significantly thicker and stronger zones of massive, semimassive, blebby, and veined nickel-copper sulphides than NDD0001. This represents a very encouraging vector to pursue.



Figure 1. Photograph of semi-massive sulphide from the hangingwall contact of the massive sulphide starting at 146.4m downhole. This illustrates the interaction of a sulphide melt with the country-rock (in this case ultramafic). The rest of the massive sulphide zone can be seen in the background.

About VC1 and NDD0002

NDD0002 was designed to test a shallower up plunge position of the VC1 EM conductor 85m south-southwest of NDD0001. The drillhole is collared at 609850mE, 6804740mN (MGA Zone 50). The inclined drillhole is oriented -70° dip, towards 270° (MGA Grid) azimuth and was stopped at 231.3m. Downhole surveys are within 1.5 degrees of planned dip and azimuth at the target depth.

The stratigraphic sequence varies significantly between NDD0002 and NDD0001. The multiple discrete ultramafic intrusions observed in NDD0001 appear to have coalesced into a single thick ultramafic package in NDD0002. The ultramafic package is interpreted to be composed of multiple





magma pulses as defined by textural and compositional variations. The basal contact of the NIC was intersected at approximately 150m in NDD0002. Magmatic sulphide accumulations occur on and around the basal contact.



Figure 2. Logging the massive sulphide zone in NDD0002.

The hole intersected significant zones of magmatic nickel-copper sulphide as follows;

- 140.7 146.4m Veined, blebby, and breccia sulphide
- 146.4 146.9m Semi-massive sulphide
- 146.9 150m Massive sulphide
- 150.2 150.7 Massive Sulphide
- 150.7 151.9 Veined, blebby, and breccia sulphide

The footwall sequence of the NIC consists of metabasalt and interflow sediments. NDD0002 intersected significant zones of quartz veining, disseminated sulphides, and bleaching in the footwall sequence. These zones will be sampled and assayed for potential gold mineralisation.





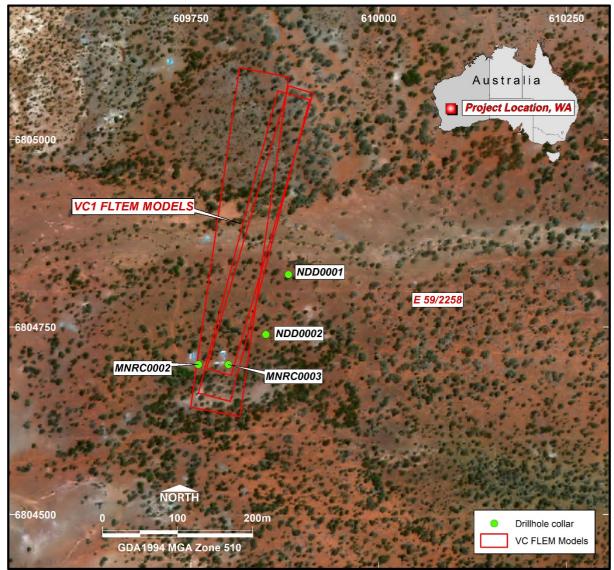


Figure 3. Plan view showing completed drill collar locations against the planned projection of the VC1 EM target. More than 350m of plunge extent and 100m of strike extent remain untested at VC1.





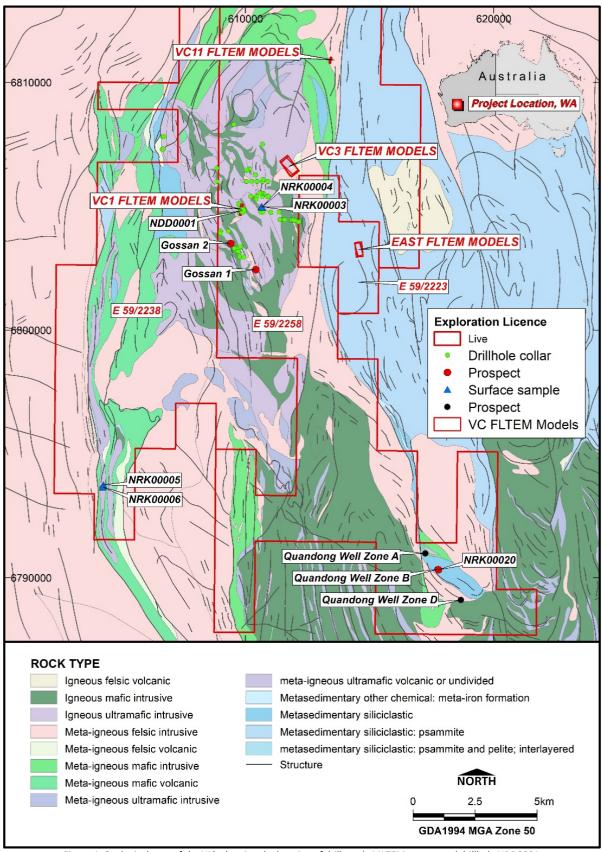


Figure 4. Geological map of the NIC, showing the location of drill-ready MLTEM targets and drillhole NDD0001.





The sulphide assemblage in order of abundance intersected by NDD0002 appears to be pyrrhotite, pentlandite, and chalcopyrite. However, petrographic and geochemical analyses are required to confirm the species, geological setting, and relative abundance. The massive sulphide intersected by NDD0002 also contains a significant amount of magnetite inclusions (up to 15% visual estimate). Bulk sulphide abundance definitions are as follows (note these are visual estimates);

- Disseminated, blebby, breccia, and or veined sulphide 1% to 20% sulphide
- Matrix sulphide 20% to 40% sulphide
- Semi massive sulphide 40% to 80% sulphide
- Massive sulphide greater than 80% sulphide

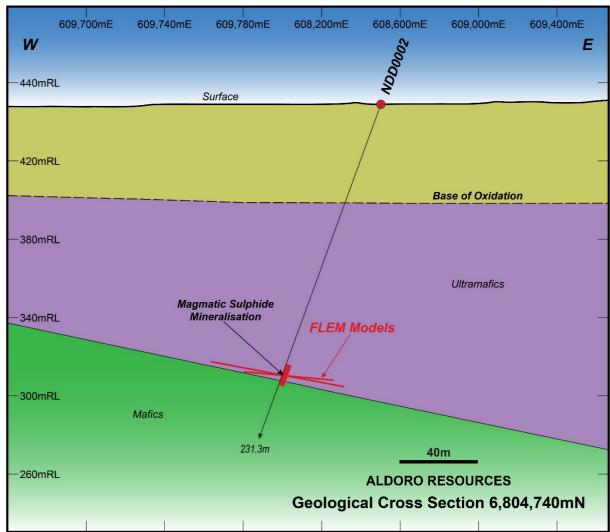


Figure 5. Cross-section of NDD0001 showing the current simplified geological interpretation and zones of significance.

Forward Plan

A third hole, NDD0003, will be collared approximately 80m south-southwest of NDD0002, targeting a shallower up plunge position of the VC1 target and follow the vector of thickening sulphides. The hole will be collared at 609826 mE, 6804660 mN (MGA Zone 50). The inclined hole is oriented -70° dip, towards 270° (MGA Grid) azimuth, with a planned end of hole depth of 150m.

NDD0002 was completed significantly faster than anticipated. Therefore the third hole will be drilled





while

The Company awaits the downhole EM contractor to arrive on site. Downhole EM will be conducted on all holes completed at VC1 to aid and refine drill targeting. There will now be four holes to DHTEM survey this week; results should significantly refine the models for follow-up drill targeting.

Table 1. Details of drilling reported in this announcement, including previously reported holes completed by Maximus Resources in 2012.

Hole ID	Laurabh	Collar Location MGA50			n:	Dip Azimuth	From	То	Ni Grade	Cu Grade	Width	Internation Description
Hole ID	Length	East	North	RL	DIP	Azimuth	m	m	%	ppm	m	Intersection Description
MNRC0002	203	609760	6804700	448	-70	270	64	104	0.19	803	40	40m at 0.19% Ni and 803ppm Cu from 64m
MNRC0003	191	609800	6804700	448	-70	270	88	111	0.18	579	23	23m at 0.18% Ni and 579ppm Cu from 88m
NDD0001	265	609880	6804820	450	-70	270						Assays Awaited
NDD0002	231.3	609850	6804740	449	-70	270						Assays Awaited

Table 2. Summary geological log of NDD0002.

	From	То			Comments	
Hole ID	m	m	Primary Lithology	Secondary Lithology		
NDD0002	0	1	Laterite			
NDD0002	1	33.9	Saprolite undifferentiated	Saprock	After ultramafic, abundant magnesite veins.	
NDD0002	33.9	90.95	Harzburgite	Mafic intrusive	Poikilitic high MgO ultramafic, occasional mafic dykes. zones of serpentinised olivine cumulates.	
NDD0002	90.95	104.9	Olivine Websterite	Harzburgite	Increase in plagioclase, still poikilitic in places.	
NDD0002	104.9	116.2	Peridotite	Olivine Websterite		
NDD0002	116.2	119.3	Olivine Gabbronorite			
NDD0002	119.3	130.6	Peridotite		Olivine cumulates dominate.	
NDD0002	130.6	131.9	Ultramafic		very fine grained and sheared.	
NDD0002	131.9	138	Peridotite	Fault - fault gouge	Spotty variant with hematite clots and faults.	
NDD0002	138	140.7	Fault - fault gouge	Ultramafic	Substantial fault zone.	
NDD0002	140.7	146.4	Ultramafic	Magmatic sulphide	Sheared, crenulated ultramafic with vein, blebby, and breccia sulphide.	
NDD0002	146.4	146.9	Magmatic Sulphide		Semi massive sulphide.	
NDD0002	146.9	150	Magmatic Sulphide		Massive sulphide, abundant medium grained rounded magnetites.	
NDD0002	150	150.2	Basalt		Xenolith.	
NDD0002	150.2	150.7	Magmatic Sulphide		Massive sulphide.	
NDD0002	150.7	151.9	Basalt	Magmatic sulphide	Breccia, vein, and blebby sulphide.	
NDD0002	151.9	231.3	Basalt	Black Shale	Sulphidic interflow sediments. Quartz veining, sulphides, bleaching.	

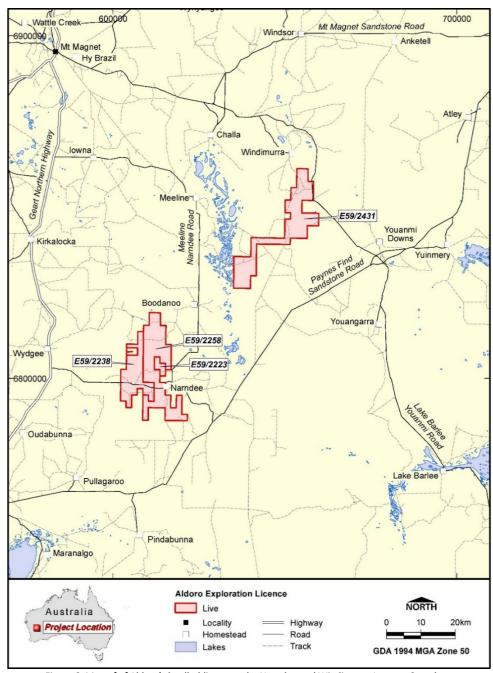
ENDS





About Aldoro Resources

Aldoro Resources Ltd is an ASX-listed (*ASX: ARN*) mineral exploration and development company. Aldoro has a portfolio of gold and nickel focused advanced exploration projects, all located in Western Australia. The Company's flagship project is the Narndee Igneous Complex, which is prospective for Ni-Cu-PGE mineralisation. The Company's other Ni-Cu-PGE projects include the Cathedrals Belt Nickel Project, with a significant tenement holding surrounding St George Mining's (*ASX: SGQ*) Mt Alexander Project, the Leinster Nickel Project (Ni), and the Windimurra Igneous Complex (Ni-Cu-PGE, Li).



 ${\it Figure~6.~Map~of~of~Aldoro's~landholding~over~the~Narndee~and~Windimurra~Igneous~Complexes.}$





This announcement was authorised by the Board of Aldoro Resources

Disclaimer

Some of the statements appearing in this announcement may be in the nature of forward-looking statements. You should be aware that such statements are only predictions and are subject to inherent risks and uncertainties. Those risks and uncertainties include factors and risks specific to the industries in which Aldoro operates and proposes to operate as well as general economic conditions, prevailing exchange rates and interest rates and conditions in the financial markets, among other things. Actual events or results may differ materially from the events or results expressed or implied in any forward-looking statement. No forward-looking statement is a guarantee or representation as to future performance or any other future matters, which will be influenced by a number of factors and subject to various uncertainties and contingencies, many of which will be outside Aldoro's control.

Aldoro does not undertake any obligation to update publicly or release any revisions to these forward-looking statements to reflect events or circumstances after today's date or to reflect the occurrence of unanticipated events. No representation or warranty, express or implied, is made as to the fairness, accuracy, completeness or correctness of the information, opinions or conclusions contained in this announcement. To the maximum extent permitted by law, none of

Aldoro, its Directors, employees, advisors or agents, nor any other person, accepts any liability for any loss arising from the use of the information contained in this announcement. You are cautioned not to place undue reliance on any forward-looking statement. The forward-looking statements in this announcement reflect views held only as of the date of this announcement.

This announcement is not an offer, invitation or recommendation to subscribe for or purchase securities by Aldoro. Nor does this announcement constitute investment or financial product advice (nor tax, accounting or legal advice) and is not intended to be used for the basis of making an investment decision. Investors should obtain their own advice before making any investment decision.

Competent Person Statement

The information in this announcement that relates to Exploration Results and other technical information complies with the 2012 Edition of the Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves (JORC Code). It has been compiled and assessed under the supervision of Luke Marshall, a geological consultant to Aldoro Resources Ltd. Mr Marshall is a Member of the Australasian Institute of Geoscientists and has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken to qualify as a Competent Person as defined in the 2012 Edition of the JORC Code. Mr Marshall consents to the inclusion in this announcement of the matters based on his information in the form and context in which it appears.





JORC Code, 2012 Edition – Table 1

Section 1 Sampling Techniques and Data

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

Criteria	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 downhole 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 and 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 (eg' 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 (eg submarine nodules) may warrant disclosure of detailed information. 	 Sampling is yet to be undertaken on Aldoro drilling Sampling techniques are unknown for any reported historical drilling but assumed to be industry standard at the time of collection
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). 	 Aldoro drilling is diamond core drilling Holes are drilled by HQ3 to fresh rock, cases off and drilled NQ2 to end of the hole The NQ2 part of the hole is oriented by a Reflex Act-IQ orientation tool Bottom of the hole is marked on the core surface using an orientation cradle Reported historical drilling are reverse circulation drillholes
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. 	 Core recoveries are measured using industry-standard logging techniques Core recoveries average close to 100% in fresh rock, and 90% in weathered material





Criteria	JORC Code explanation	Commentary
	 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. 	 This is yet to be established for Aldoro drilling as no samples have been collected yet This information is not known for reported historical drilling
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. 	Aldoro core is logged using industry-standard semi-quantitative logging templates
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. 	 No samples have been collected from Aloro drilling yet This information is not known for reported historical drilling
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. 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 (eg standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (ie lack of bias) and precision have been established. 	 Not yet relevant for Aldoro drilling as no samples have been collected, and no geophysical tool results reported For reported historical drilling, QAQC procedures, accuracy, and precision have not been established.





Criteria	JORC Code explanation	Commentary
Verification of sampling and assaying	 The verification of significant intersections by either independent or alternative company personnel. The use of twinned holes. Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols. Discuss any adjustment to assay data. 	 Aldoro's visual intersections are logged, interpreted, and reported by the JORC Competent Person QAQC procedures and documentation of primary data is not available for historic drilling Twinned holes are not being used or reported No assay data is reported
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. Specification of the grid system used. Quality and adequacy of topographic control. 	 Drillhole collars are measured by handheld GPS and checked several times before drilling. Coordinates presented are in GDA94, UTM Zone 50S Collar survey accuracy of reported historic drilling is unknown Aldoro holes are surveyed by a Reflex GYRO SPRINT-IQ No downhole survey information is available for reported historical drilling
Data spacing and distribution	 Data spacing for reporting of Exploration Results. 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. Whether sample compositing has been applied. 	Not relevant as only two holes have been completed
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 orientation of drilling and sampling is as close to perpendicular as possible to the interpreted key mineralised as possible. The orientation of drilling to key mineralised structures is an evolving interpretation
Sample security	The measures taken to ensure sample security.	Not relevant as no assays are reported or samples collected
Audits or reviews	The results of any audits or reviews of sampling techniques and data.	No audits or reviews have been completed given the early stage of the project





Section 2 Reporting of Exploration Results (Criteria listed in the preceding section also apply to this section.)

Criteria	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. 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. 	 Tenements E59/2223, E59/2238 and E59/2258 Held by Gunex Pty Ltd, a 100% owned subsidiary of Altilium Metals Pty Ltd, which in turn is a 100% owned subsidiary of Aldoro Resources Limited GSR to original tenement holder The tenements are in good standing, with no native title interests and no known historical or environmentally sensitive areas with the tenement areas
Exploration done by other parties	Acknowledgment and appraisal of exploration by other parties.	 Previous relevant exploration was undertaken by: Westralian Nickel-INCO (1960s-70s) BHP-Hunter Resources (1985-90) Wedgetail Resources (2001) Apex Minerals-Mark Creasy (2001-06) Falconbridge-Apex-Mark Creasy (2002-03) Maximus Resources (2005-14)
Geology	Deposit type, geological setting and style of mineralisation.	• The Narndee Project is located within the Youanmi Terrane of the Yilgarn Craton, close to a major structural boundary between the Murchison and Southern Cross Domains. The regional geology is dominated by Archaean granite-greenstone terranes (greenstone 2.8-3.0 billion years, granites 2.6-2.95 billion years) and the Windimurra Group of layered mafic intrusions (2.847 billion +/- 71 million years). These bodies represent the largest layered mafic-ultramafic intrusive complex in Australia. The Narndee Igneous Complex forms the primary component of the Boodanoo Suite and is divided into three broad units of stratigraphy: Ultramafic Zone, Lower Zone and Main Zone. Historical exploration has generally focused on stratiform PGE-reef mineralisation, whereas Aldoro's focus will be on massive magmatic nickel sulphide deposits
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 	 A listing of the historic Maximus Resources drill hole information material to the understanding of the historical exploration results, along with other historical drilling, is provided in the body and appendices of the ASX announcement on October 29 2020.



Criteria	JORC Code explanation	Commentary
Data aggregation methods	 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. 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. 	 Historical drilling by previous explorers used best practices for that time The relevant details for Aldoro's drilling are contained in the body of this announcement The use of any data is recommended for indicative purposes only in terms of potential Ni- Cu-PGE mineralisation and for developing exploration targets Not yet relevant for Aldoro drilling as no assays are reported No metal equivalent values have or will ever be quoted by Aldoro
	The assumptions used for any reporting of metal equivalent values should be clearly 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 (eg 'down hole length, true width not known'). 	 All results referenced are based on down-hole lengths and may not reflect the true width of mineralisation or thickness of host lithologies which is unknown
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. 	 Appropriate maps and tabulations are presented in the body of 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.	 Not yet relevant for Aldoro drilling Only selected drill intersections have been mentioned, and due to the nature of the drilling and lack of adequate records and survey control, they are considered indicative only and not material for historical drilling





Criteria	JORC Code explanation	Commentary
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. 	 Falconbridge completed an airborne magnetic and radiometric survey over the NIC using a fixed-wing aircraft and Scintrex Cesium Vapour CS-2 Magnetometer and Exploranium GR 820 Spectrometer. Lines were flown E-W at 100m spacing and 35m sensor height. This survey was reprocessed by Southern Geoscience. Aldoro conducted its own VTEMTM Max airborne survey (refer to details in Table 1 ASX Announcement January 20 2021).
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. 	 Short term future work plans are detailed in the body of this announcement Gossan occurrences will be systematically rock chip sampled and mapped Pegmatite occurrences will be systematically rock chip sampled, soil sampled and mapped Exploration is at an early stage, and longer-term future work will depend on results

