

EXCEPTIONAL UNINTERRUPTED NIOBIUM STRIKE MINERALISATION AT LINE 3

Highlights

- Assays received for remainder of Line 3 confirm the entire 388 meters (line length, 344 m planar length) of the line is mineralised with Niobium and appears open in both directions.
- Further continuous Niobium mineralisation across the remaining 168 meters of line 3. Niobium grade cross the entire 388 meters of Line 3 confirmed by assays to be 0.52% Nb₂O₅.
- An additional 4,500 meters of trench sampling are awaiting assay.
- REE mineralisation has also been discovered along this line, and samples have been obtained for metallurgical and beneficiation testing.

Aldoro Resources Ltd ("Aldoro", "The Company") (ASX: ARN) is pleased to advise that the remaining 168 meters of Line 3 Niobium assays have also been received. These further assays confirm the <u>entire</u> 388 meters (line length, 344 m planar length) of Line 3 confirmed by assays to be 0.52% Nb₂O₅. See 12th December 2024 ASX announcement "Further 190 meters of Niobium & REE Mineralisation Confirmed".

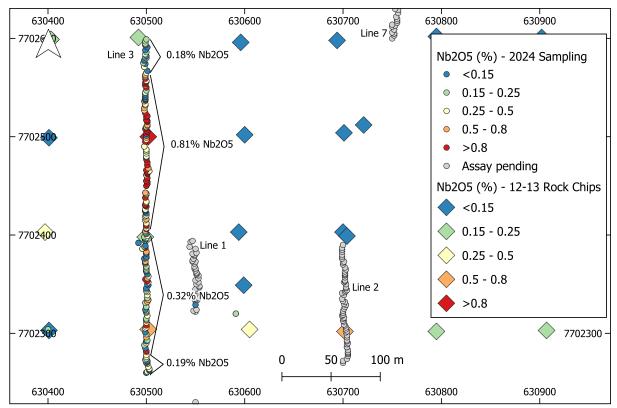


Figure 1: Nb₂O₅ values of Line 3 and rock chips between 2012 and 2013





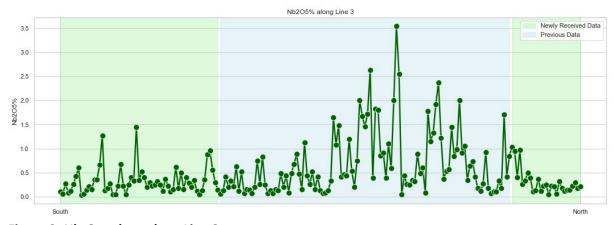


Figure 2: Nb₂O₅ values along Line 3

The Line 3 assay results for Nb_2O_5 are presented in Table 1. The Nb_2O_5 values were back-calculated from Nb content from the assay report.

Table 1: Line 3 sample assays

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Sample ID	Easting	Northing	Nb ₂ O ₅ (%)	Sample ID	Easting	Northing	Nb ₂ O ₅ (%)	Sample ID	Easting	Northing	Nb ₂ O ₅ (%)
T360	630500	7702260	0.1001	T426	630499	7702371	0.6292	T493	630500	7702487	0.3432
T361	630500	7702260	0.0572	T427	630499	7702372	0.1144	T494	630498	7702490	0.3146
T362	630501	7702261	0.2717	T428	630499	7702373	0.5148	T495	630499	7702495	0.8866
T363	630503	7702262	0.0858	T429	630498	7702376	0.0715	T496	630500	7702497	0.4862
T364	630503	7702263	0.1144	T430	630500	7702377	0.1573	T497	630500	7702499	0.6006
T365	630503	7702264	0.2574	T431	630500	7702378	0.143	T498	630500	7702501	0.0858
T366	630502	7702266	0.429	T432	630500	7702381	0.0715	T499	630500	7702503	1.7732
T367	630501	7702269	0.6006	T433	630500	7702382	0.2002	T500	630501	7702505	1.144
T368	630500	7702270	0.0286	T434	630500	7702383	0.7436	T501	630501	7702505	1.3299
T369	630501	7702271	0.0572	T435	630496	7702386	0.2574	T502	630500	7702506	1.9162
T370	630501	7702272	0.143	T436	630499	7702387	0.8294	T503	630499	7702508	2.3738
T371	630499	7702273	0.2145	T437	630498	7702388	0.2431	T504	630500	7702509	1.2155
T372	630500	7702274	0.1573	T438	630499	7702389	0.0715	T505	630500	7702510	0.3718
T373	630500	7702276	0.3575	T439	630492	7702392	0.1287	T506	630501	7702511	0.5291
T374	630500	7702278	0.3575	T440	630499	7702395	0.0715	T507	630501	7702512	0.572
T375	630500	7702281	0.6578	T441	630499	7702395	0.1573	T508	630501	7702515	1.4443
T376	630500	7702282	1.2727	T442	630499	7702396	0.1287	T509	630501	7702516	0.8437
T377	630499	7702285	0.1287	T443	630500	7702397	0.4862	T510	630500	7702517	0.9867
T378	630498	7702288	0.1716	T444	630498	7702398	0.2002	T511	630500	7702520	2.002
T379	630500	7702290	0.2717	T445	630501	7702399	0.4433	T512	630501	7702521	0.9152
T380	630500	7702292	0.0429	T446	630500	7702401	0.0858	T513	630499	7702524	1.0582
T381	630500	7702292	0.0429	T447	630499	7702403	0.4862	T514	630498	7702527	0.3432
T382	630501	7702293	0.2288	T448	630499	7702404	0.6721	T515	630498	7702529	0.6435
T383	630500	7702296	0.6721	T449	630500	7702406	0.8866	T516	630499	7702532	0.7293
T384	630500	7702299	0.2288	T450	630500	7702407	0.4719	T517	630499	7702533	0.4147
T385	630499	7702301	0.0429	T451	630500	7702409	0.1573	T518	630498	7702536	0.1716
T386	630400	7702304	0.2431	T452	630500	7702410	1.1297	T519	630499	7702537	0.1144
T387	630499	7702305	0.4004	T453	630500	7702412	0.4433	T520	630499	7702538	0.2717
T388	630500	7702306	0.3289	T454	630499	7702415	0.2574	T521	630499	7702538	0.9295
T389	630500	7702308	1.4443	T455	630500	7702416	0.5148	T522	630499	7702539	0.1716
T390	630500	7702311	0.3432	T456	630499	7702419	0.1573	T523	630499	7702540	0.0715
T391	630500	7702313	0.5148	T457	630500	7702420	0.4147	T524	630499	7702541	0.1001
T392	630500	7702314	0.4004	T458	630500	7702422	0.1287	T525	630499	7702543	0.1001
T393	630500	7702315	0.2002	T459	630499	7702424	0.0715	T526	630499	7702545	0.3289
T394	630501	7702318	0.3003	T460	630499	7702425	0.0858	T527	630500	7702547	0.1716
T395	630591	7702320	0.2288	T461	630499	7702425	0.1287	T528	630500	7702550	1.7017
T396	630500	7702321	0.2431	T462	630499	7702426	0.3289	T529	630499	7702552	0.4147
T397	630500	7702322	0.3146	T463	630500	7702429	1.6445	T530	630499	7702553	0.8437
T398	630500	7702323	0.2431	T464	630499	7702430	1.0725	T531	630499	7702555	1.0296
T399	630499	7702324	0.1144	T465	630499	7702431	1.4872	T532	630500	7702556	0.9438
T400	630500	7702327	0.3718	T466	630500	7702433	0.4147	T533	630500	7702557	0.4004
T401	630500	7702327	0.2288	T467	630500	7702434	0.4576	T534	630499	7702559	0.9724
T402	630550	7702329	0.1001	T468	630501	7792435	0.4433	T535	630499	7702561	0.2574
T403	630499	7702331	0.1573	T469	630499	7702438	1.2012	T536	630499	7702562	0.3289
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T404	630501	7702332	0.6149	T470	630500	7702441	0.5291	T537	630499	7702563	0.5005
T405a	630502	7702334	0.1716	T471	630500	7702442	0.2002	T538	630500	7702565	0.3861
T405b	630502	7702334	0.5005	T472	630499	7702443	0.7436	T539	630501	7702567	0.1001
T406	630501	7702336	0.1573	T473	630500	7702450	2.002	T540	630498	7702571	0.1287
T407	630501	7702339	0.4004	T474	630501	7702452	1.6731	T541	630498	7702571	0.3718
T408	630501	7702342	0.286	T475	630501	7702454	1.4586	T542	630499	7702574	0.1144
T409	630500	7702343	0.2002	T476	630500	7702455	1.716	T543	630497	7702575	0.2288
T410	630500	7702345	0.3432	T477	630501	7702458	2.6312	T544	630498	7702577	0.2431
T411	630500	7702346	0.1144	T478	630500	7702461	0.3861	T545	630498	7702578	0.0429
T412	630502	7702349	0.0429	T479	630501	7702462	1.8304	T546	630500	7702580	0.2288
T413	630501	7702350	0.1287	T480	630501	7702463	1.8018	T547	630499	7702581	0.2145
T414	630502	7702352	0.3575	T481	630501	7702463	0.858	T548	630500	7702582	0.0572
T415	630501	7702353	0.8723	T482	630501	7702464	0.9152	T549	630499	7702584	0.3146
T416	630499	7702355	0.9581	T483	630503	7702465	0.3861	T550	630500	7702586	0.1716
T417	630501	7702356	0.5577	T484	630500	7702466	1.1011	T551	630499	7702588	0.1144
T418	630502	7702358	0.3003	T485	630502	7702468	0.5863	T552	630501	7702591	0.143
T419	630501	7702360	0.143	T486	630501	7702471	2.002	T553	630499	7702593	0.143
T420	630500	7702363	0.0572	T487	630501	7702474	3.5464	T554	630499	7702594	0.2288
T421	630500	7702363	0.1287	T488	630500	7702477	2.5454	T555	630499	7702595	0.3003
T422	630500	7702364	0.4147	T489	630500	7702479	0.0429	T556	630499	7702597	0.1716
T423	630500	7702365	0.2002	T490	630500	7702480	0.4433	T557	630500	7702599	0.2145
T424	630500	7702367	0.3289	T491	630500	7702483	0.2574				
T425	630500	7702368	0.2145	T492	630500	7702485	0.2431				

Authorised for and on behalf of the Board,

Sarah Smith Company Secretary

About Aldoro Resources

Aldoro Resources Ltd is an ASX-listed (*ASX: ARN*) mineral exploration and development company. Aldoro has a portfolio of critical minerals including rare earth, lithium, rubidium and base metal projects. The Company's suite of projects include the Kameelburg REE & Niobium Project in Namibia, the Wyemandoo lithium-rubidium-tungsten project, the Niobe lithium-rubidium-tantalum project and the Narndee Igneous Comples project in Western Australia.

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.

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In relying on the above mentioned ASX announcement and pursuant to ASX Listing Rule 5.23.2, the Company confirms that it is not aware of any new information or data that materially affects the information included in the above-mentioned announcement.

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) by Dr Minlu Fu. It has been reviewed by Mr. Yuanjian Zhu who is a Member of the Australasian Institute of Mining and Metallurgy (AusIMM). Mr Zhu is Principal Consultant (Resource Geology) at SRK Consulting (Australasia) Pty Ltd 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 Zhu 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 (e.g. 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 (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. 	 Chip samples were evenly collected along the sampling line at two-metre intervals, using a hammer to obtain fresh rock. Each sample is composed of material from at least eight different rocks, with a total weight ranging from 2 to 3 kg.
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, face-sampling bit or other type, whether core is oriented and if so, by what method, etc.).	Not applicable.
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. 	Not applicable.
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.	All samples have been logged with their respective lithological characteristics





Criteria	JORC Code explanation	Commentary
	 Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc.) photography. The total length and percentage of the relevant intersections 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/secondhalf sampling. Whether sample sizes are appropriate to the grain size of the material being sampled. 	 Chip samples were collected on site and send to a local laboratory for sample preparation. The samples are dried at 60 degrees Celsius for a maximum of 4 hours. They are then crushed to ensure 90% passes through a 2 mm sieve. A 250-gram portion is split using a riffle splitter for pulverizing. Pulverizing is carried out to achieve 90% passing through a 75-micron sieve.
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 (e.g. standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (i.e. lack of bias) and precision have been established. 	 Samples were assayed at Center of Modern Analysis and Testing Central South University in Changsha, China. ICP-OES was used. One blank, one CRM, and one pulp duplicate were inserted for every set of 20 samples.
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. 	Sample results were compared with nearby rock chips collected between 2012 and 2013, and the results shows consistency.
Location of data points	 Accuracy and quality of surveys used to locate drill holes (collar and downhole surveys), trenches, mine workings and other locations used in Mineral Resource estimation. Specification of the grid system used. 	 Garmin eTrex 201x handheld GPS was used for point location surveys. The coordinate system used is WGS 84 UTM Zone 33S.





Criteria	JORC Code explanation	Commentary
	Quality and adequacy of topographic control.	
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. 	Samples were collected continuously at 2-m 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. 	 Samples were collected on the surface continuously and without bias. The structural orientation is not relevant for this type of sampling.
Sample security	The measures taken to ensure sample security.	Samples were sent by registered courier from site to China.
Audits or reviews	The results of any audits or reviews of sampling techniques and data.	No audits or reviews conducted.





Section 2 Reporting of Exploration Results

(Criteria listed in section 1 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. 	 Exclusive Prospecting Licences EPL 7372. 7373 and 7895 are under JV agreement. No native title, wilderness or National Parks impacted. Licences are on local pastoral licences, sub surface minerals owned by the state. All three licences have successful renewal in August 2024. Recently, the transfer of the Kameelburg Prospecting Licenses EPL 7372, 7373 & 7895 to the Aldoro JV operating company "Kameelburg Exploration Mining (Pty) Ltd" was completed successfully.
Exploration done by other parties	Acknowledgment and appraisal of exploration by other parties.	 Previous relevant exploration includes: AMCOR (1960s-1970s): Surface rock sampling, drilling 11 holes, and collecting bulk samples. Kinloch Resources Limited (2012-2016): Detailed grid rock chip and regolith sampling, hyperspectral surveying, spectral scanning, geological mapping, and metallurgical tests for P₂O₅.
Geology	Deposit type, geological setting and style of mineralisation.	The Kameelburg Project is located in the northern Central Damara Orogenic Belt in Namibia and covers the Cretaceous Kameelburg Carbonatite plug and associated radial dykes intruding precursor syenites in the older host Neoproterozoic marbles and schists. The plug is approximately 1.4km in diameter and rises up to 275m above the surrounding peneplain. The intrusion consists of an initial pre-curser phase of nepheline syenite/syenite followed by two sovite and three beforsite phases with remanent rafts of volcanic breccia and syenite, the vestiges of earlier intrusive phases. The country rock consists of marbles, quartzite's, mica schists of the Damara Supergroup. Rare earth metals are known to occur in all five phases with higher concentrations in the more magnesium and iron rich beforesites. The REE





Criteria	JORC Code explanation	Commentary
		mineralisation style is consistent with fractionated carbonatite intrusive plugs.
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 drillholes:	Not applicable.
	easting and northing of the drillhole collar	
	elevation or RL (Reduced Level – elevation above sea level in metres) of the drillhole collar	
	dip and azimuth of the hole	
	downhole 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.	
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. 	Not applicable.
	Where aggregate intercepts incorporate short lengths of high grade results and longer lengths of low grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail.	
	The assumptions used for any reporting of metal equivalent values should be clearly stated.	
Relationship between mineralisation widths and	These relationships are particularly important in the reporting of Exploration Results.	Not applicable.
intercept lengths	If the geometry of the mineralisation with respect to the drillhole angle is known, its nature should be reported.	
	• If it is not known and only the downhole lengths are reported, there should be a clear statement to this effect (e.g. 'down hole length, true width not known').	
Diagrams	Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being	Please refer to the report





Criteria	JORC Code explanation	Commentary
	reported These should include, but not be limited to a plan view of drillhole collar locations and appropriate sectional views.	
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 relative information has been provided in the report
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.	No other meaningful or material results to report.
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. 	Subsequent drilling will be conducted based on the assay results.

