

ASX Announcement

7 May 2019

High Grade Drilling Demonstrates Continued Upside at Nicolsons Mine

Pantoro Limited (**ASX:PNR**) (**Pantoro**) is pleased to advise very high grade drilling results from the Johnston Lode in the south end of Nicolsons mine. The new drilling results follow very high grade ore drive development in the levels above, confirming the continuous nature of the zones. New results include:

- 2.45 m @ 73.09 g/t Au inc 0.6 m @ 289.7 g/t Au
- 2.95 m @ 51.47 g/t Au
- 1.9 m @ 35.89 g/t Au
- 1.7 m @ 11.6 g/t Au
- 2.20 m @ 16.85 g/t Au
- 0.8 m @ 43.63 g/t Au
- 2.7 m @ 9.08 g/t Au
- 1.60 m @ 18.42 g/t Au

Managing Director Paul Cmrlec said:

"These new outstanding results in the southern end of Nicolsons mine, combined with the recent high-grade intercepts^ recently reported in the Anderson Lode to the north of the mine confirm the continuing very high grade nature of the Nicolsons ore system at depth.

The new results will be included in the annual Mineral Resource and Ore Reserve update to be completed as at 30 June 2019, and will contribute to ongoing the ongoing growth of the mine.

Operations in the Wagtail North underground mine continue to access new ore development faces in the Wagtail and Rowdies ore bodies, and the Wagtail South open pit cutback is progressing to plan.

With ore production increasing from both of the Wagtail mining areas, and Nicolsons mine operating in steady state, the Halls Creek Operations are in a strong position to meet the planned 80,000 Oz per annum production rate by the middle of this year."

Prior to this drilling program, the Mineral Resource modelled in the area was not of sufficient grade to be included in Ore Reserve and mine plan due to wider spaced drilling in the deeper zones of this area. The new drilling has been targeted towards these very high grade areas as knowledge of the ore system plunge and dip characteristics have been better defined by mine development in the levels above.

As the new drilling is located in areas largely outside of the existing reported Ore Reserve estimate, the new results are expected to have a positive impact on the Mineral Resource and Ore Reserve annual update which is expected to be completed as at 30 June 2019.

^ Refer ASX Announcement 'Outstanding Drill Results Extend Mineralisation at Nicolsons' released on 18 March 2019.

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Nicolson's Deposit

Johnston Lode Schematic Long-Section

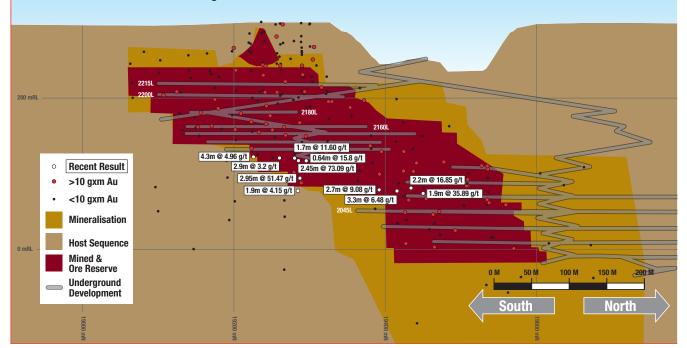


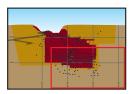
Figure 1 – Schematic long section of the Johnston Lode highlighting drill assays received since the last Mineral Resource update

The results demonstrate the strong continuity of mineralisation at depth in the Johnston Lode, and follow the recent drill program completed in the Anderson Lode in the northern end of the mine. Recent drilling in the Anderson Lode reported to the ASX^ during March 2019 returned outstanding results outside of the current Mineral Resource including:

- 3.55 m @ 95.89 g/t Au inc 1 m @ 317.0 g/t Au.
- 2.43 m @ 53.64 g/t Au inc 0.75 m @ 114.0 g/t Au.
- 4.60 m @ 49.52 g/t Au.
- 2.23 m @ 11.47 g/t Au.
- 1.5 m @ 19.62 g/t Au.
- 1.13 m @ 44.44 g/t Au inc 0.7 m @ 70.1 g/t Au.
- 2.22 m @ 33.45 g/t Au inc. 0.3 m @ 80.8 g/t Au.
- 4.90 m @ 12.19 g/t Au inc. 1.05 m @ 51.27 g/t Au.
- 1.65 m @17.69 g/t Au
- 3.85 m @ 11.10 g/t Au inc.1.2 m @ 25.63 g/t Au.

^ Refer ASX Announcement 'Outstanding Drill Results Extend Mineralisation at Nicolsons' released on 18 March 2019.

Nicolson's Deposit Hall/Anderson Lode Schematic Long-Section



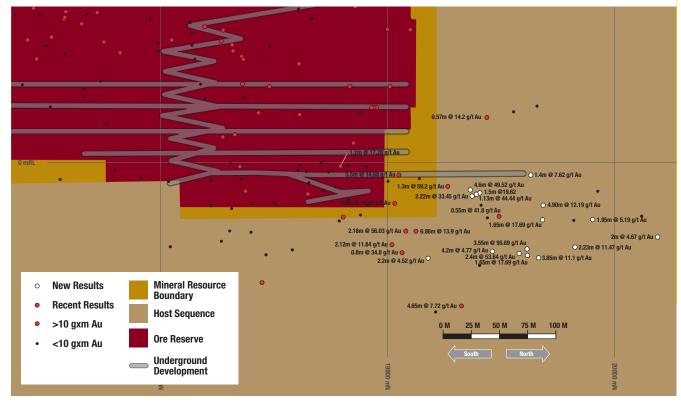


Figure 2 – Schematic long section of the Anderson Lode highlighting drill assays received since the last Mineral Resource update

Enquiries

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Appendix 1 – Table of Results

Hole ID	Northing	Easting	RL	Dip (degrees)	Azimuth (degrees)	End of Hole Depth (m)	Downhole From (m)	Downhole To (m)	Downhole Intersection (m)	Au gpt (uncut)	Est.True Width (m)
NGC19015	19284.34	10048.31	2159.53	-32.4	184.6	124.7	67.86	72.15	4.30	4.96	1.11
NGC19017	19284.42	10048.26	2159.61	-57.4	190.3	96.1	43.70	46.60	2.90	3.20	0.50
NGC19018	19286.69	10049.54	2159.50	-77.2	223.5	89.7	39.75	41.45	1.70	11.60	0.84
NGC19019	19287.30	10049.67	2159.40	-76.9	341	90.7	42.16	42.8	0.64	15.8	0.30
NGC19019							43.34	43.88	0.54	7.90	0.25
NGC19019							53.15	53.55	0.4	13.5	0.25
NGC19020	19284.44	10048.53	2159.54	-45.7	173.5	127.5	82.00	83.90	1.90	4.15	0.55
NGC19021	19284.50	10048.52	2159.49	-56.9	172.7	115.50	63.55	66.50	2.95	51.47	0.83
NGC19023	19286.22	10049.52	2159.37	-85.1	252	103.9	41.60	44.05	2.45	73.09	1.45
							inc. 0.60m @ 289.7g/t from 41.6m				
NGC18276B	19420.92	10127.34	2028.8	38.1	300.0	88.9	72.30	74.20	1.90	35.89	1.00
NGC18270	19420.92	10127.34	2020.8	16.3	282.2	86.5	44.40	46.00	1.60	18.42	1.26
NGC18277	19421.85	10127.84	2031.24	42	282.6	158	73.00	75.20	2.20	16.90	1.10
NGC18278	19421.49	10127.87	2031.16	40	265	164.4	67.70	71.00	3.30	6.48	1.69
NGC18279	19421.60	10127.83	2031.20	36.8	242.19	115.2	74.00	76.70	2.70	9.08	1.24
							79.20	80.00	0.80	43.63	0.40
NGC18308	19342.40	10094.09	2153.53	2.8	331.99	133.7	102.15	102.70	0.55	34.05	0.35

Appendix 2 – JORC Code 2012 Edition – Table 1

SECTION 1: SAMPLING TECHNIQUES AND DATA

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 down hole gamma sondes, or handheld XRF	 This information in this release relates to an Exploration update and results fro underground Diamond drill sampling of the Nicolsons underground mine at the Nicolsons gold project. 			
	 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 	 Diamond samples 2-5kg samples are dispatched to an external accredited laboratory (BVA Perth) where they are crushed and pulverized to a pulp (P90 75 			
	 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 	retained in core trays on site for further analysis. Samples are a maximum of 1.2m, with shorter intervals utilised according to geology to a minimum interval of 15m where clearly defined mineralisation is evident.			
	explanation may be required, such as where there is coarse gold that has in sampling problems. Unusual commodities or mineralisation types (eg subi nodules) may warrant disclosure of detailed information.	downhole core blocks .			
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).				
Drill sample recovery	Method of recording and assessing core and chip sample recoveries and results assessed.	 All holes were logged at site by an experienced geologist. Recovery and sample quality were visually observed and weights recorded at the laboratory 			
	Measures taken to maximise sample recovery and ensure representative nature of the samples.	 DD – No significant core loss has been noted in fresh material. Good core recovery has generally been achieved in all sample types in the current drilling program. 			
	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.				
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.	, include: depth from, depth to, condition, weathering, oxidation, lithology, texture, colour, alteration style, alteration intensity, alteration mineralogy, sulphide			
	• Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.	 content and composition, quartz content, veining, and general comments. 100% of the holes are logged 			
	• The total length and percentage of the relevant intersections logged.				

Criteria	JORC Code explanation	Commentary
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. 	• Core samples were sawn in half utilising an Almonte core-saw, with RHS of cutting line sent for assaying and the other half retained in core trays on site for future analysis.
	 For all sample types, the nature, quality and appropriateness of the sample preparation technique. 	• For core samples, core was separated into sample intervals and separately bagged for analysis at the certified laboratory.
	• Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.	Core was cut under the supervision of an experienced geologist, it was routinely cut on the orientation line.
	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.	All mineralised zones are sampled as well as material considered barren either side of the mineralised interval
	• Whether sample sizes are appropriate to the grain size of the material being	• Field duplicates i.e. other half of core or 1/4 core has not been routinely sampled
	sampled.	Half core is considered appropriate for diamond drill samples.
		Sample sizes are considered appropriate for the material being sampled
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. 	 Assays are completed in a certified laboratory in Perth BVA. Gold assays are determined using fire assay with 40g charge. Where other elements are assayed using either AAS base metal suite or acid digest with ICP-MS finish. The methods used approach total mineral consumption and are typical of industry standard practice. For hole NUD19006 one interval is awaiting Screen fire assay so the HCM lab BLEG assay was used. The samples was prepared on site and analysed at the on site Laboratory with a 500g pulverized pulp (P90 75 micron) assay by BLEG (bulk leach extractable gold) methodology following procedures established by an external accredited laboratory. This method determines cyanide recoverable gold only. All coarse jaw crusher rejects were retained and sent to a certified laboratory in Perth BVA for SFA. The methods used approach total mineral consumption and are typical of industry standard practice. Comparison of all fire assays to BLEG which
		 is consistent with a total gold recovery versus a recoverable gold methodology. No geophysical logging of drilling was performed. Lab standards, blanks and repeats are included as part of the QAQC system. In addition the laboratory has its own internal QAQC comprising standards, blanks
		and duplicates. Sample preparation checks of pulverising at the laboratory include tests to check that the standards of 90% passing 75 micron is being achieved. Follow-up re-assaying is performed by the laboratory upon company request following review of assay data. Acceptable bias and precision is noted in results given the nature of the deposit and the level of classification

Criteria	JORC Code explanation	Commentary
Verification of sampling and assaying	The verification of significant intersections by either independent or alternative company personnel.	• Significant intersections are noted in logging and checked with assay results by company personnel both on site and in Perth.
	The use of twinned holes.	There are no twinned holes drilled as part of these results
	 Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols. Discuss any adjustment to assay data. 	• All primary data is logged digitally on tablet or on paper and later entered into the SQL database. Data is visually checked for errors before being sent to database administrator for further validation and uploaded into an offsite database. Hard copies of original drill logs are kept in onsite office.
		 Visual checks of the data re completed in Surpac mining software
		 No adjustments have been made to assay data unless in instances where standard tolerances are not met and reassay is ordered.
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.	• Underground is setout with conventional survey methods using local controls with front sight and back sight.
	Quanty and adequacy of topographic control.	 The project lies in MGA 94, zone 52. Local coordinates are derived by conversion: GDA94_EAST =NIC_EAST * 0.9983364 + NIC_NORTH * 0.05607807 + 315269.176 GDA94_NORTH = NIC_EAST * (-0.05607807) + NIC_NORTH * 0.9983364 + 7944798.421 GDA94_RL =NIC-RL + 2101.799
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. 	RC samples are at 1m intervals
Orientation of data in	• Whether the orientation of sampling achieves unbiased sampling of possible	No bias of sampling is believed to exist through the drilling orientation
relation to geological structure	 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. 	
Sample security	The measures taken to ensure sample security.	• The chain of custody is managed by Pantoro employees and contractors. Samples are stored on site and delivered in sealed boxes and bags to the lab in Perth
		Samples are tracked during shipping.
Audits or reviews	• The results of any audits or reviews of sampling techniques and data.	• No audit or reviews of sampling techniques have been undertaken however the data is managed by an offsite database consultant who has internal checks/ protocols in place.

SECTION 2: REPORTING OF EXPLORATION RESULTS

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	The Tenement related to this drilling is 100% held by Pantoro subsidiary company Halls Creek Mining Pty Ltd. This is : M80/359
	royalties, native title interests, historical sites, wilderness or national park and environmental settings.	Tenement transfers to HCM are yet to occur as stamp duty assessments have not been completed by the office of state revenue. The tenements lie on a pastoral
	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.	lease with access and mining agreements .
		The tenements are in good standing and no known impediments exist.
Exploration done by other parties	Acknowledgment and appraisal of exploration by other parties.	 Previous exploration in the Wagtail and Nicolsons includes work completed by various companies The deposits were discovered by prospectors in the early 1990s. After an 8,500 m RC program, Precious Metals Australia mined 23 koz at an estimated 7.7g/t Au from Nicolson's Pit in 1995/96 before ceasing the operation. Rewah mined the Wagtail and Rowdy pits (5 koz at 2.7g/t Au) in 2002/3 before Terra Gold Mines (TGM) acquired the project, carried out 12,000 m of RC drilling and produced a 100 koz resource estimate. GBS Gold acquired TGM and drilled 4,000 m before being placed in administration. Bulletin Resources Ltd acquired the project and conducted exploration work focused on Nicolsons and the Wagtail Deposits and completed regional exploration drilling and evaluation and completed a Mining Study in 2012 prior to entering into a JV with PNR in 2014.
Geology	Deposit type, geological setting and style of mineralisation.	 Gold mineralisation in the Nicolson's Find area is structurally controlled within the 400 m wide NNE trending dextral strike slip Nicolson's Find Shear Zone (NFSZ) and is hosted within folded and metamorphosed turbiditic greywackes, felsic volcaniclastics, mafic volcanics and laminated siltstones and mudstones. This zone forms part of a regional NE-trending strike slip fault system developed across the Halls Creek Orogen (HCO).
		• The NFSZ comprises a NNE-trending anastomosing system of brittle-ductile shears, characterised by a predominantly dextral sense of movement. The principal shear structures trend NNE to N-S and are linked by NW, and to a lesser extent, by NE shears. Individual shears extend up to 500m along strike and overprint the earlier folding and penetrative cleavage of the HCO.
		 The overall geometry of the system is characterized by right step-overs and bends/jogs in the shear traces, reflecting refraction of the shears about the granite contact. Within this system, the NW-striking shears are interpreted as compressional structures and the NE-striking shears formed within extensional windows.
		 Mineralisation is primarily focussed along NNE trending anastomosing systems of NNE-SSW, NW-SE and NE-SW oriented shears and splays. The NNE shears dip moderately to the east, while the NW set dips moderately to steeply to the NE. Both sets display variations in dip, with flattening and steepening which result in a complex pattern of shear intersections

Criteria	JORC Code explanation	Commentary
		 Mineralisation is strongly correlated with discontinuous quartz veining and with Fe-Si-K alteration halos developed in the wall rocks to the veins. The NE shears are associated with broad zones of silicification and thicker quartz veining (typically white, massive quartz with less fracturing and brecciation); however, these are typically poorly mineralized. The NW-trending shears are mineralized, with the lodes most likely related to high fluid pressures with over-pressuring and failure leading to vein formation. Although the NE structures formed within the same shear system, the quartz veining is of a different generation to the mineralized veins. Individual shears within the system display an increase in strain towards their centres and comprise an anastomosing shear fabric reminiscent of the pattern on a larger scale.
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:	A table of drill hole data pertaining to this release is attached.
	» easting and northing of the drill hole collar	
	» elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar	
	» dip and azimuth of the hole	
	» down hole length and interception depth	
	» hole length.	
	• If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case.	
Data aggregation methods	In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (eg cutting of high grades) and cut-off grades are usually Material and should be stated.	
	• Where aggregate intercepts incorporate short lengths of high grade results and longer lengths of low grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail.	 All significant intersections are reported with a lower cut off of 1 g/t Au including a maximum of 2m of internal dilution. Individual internals below this cut off
	The assumptions used for any reporting of metal equivalent values should be clearly stated.	

Criteria	JORC Code explanation	Commentary	
Relationship between mineralisation widths and intercept lengths	• These relationships are particularly important in the reporting of Exploration	Underground drilling may intersect the lodes obliquely.	
	 Results. If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported. 	 Downhole lengths are reported and true widths are calculated using both visualisation and validation using mining software and calculations in excel Estimated true widths are calculated and reported for drill intersections which 	
	• 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').		
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.		
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.		
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.		
Further work	• The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out drilling).	 Nicolsons underground drilling results are part of an ongoing program to defin and extend the known resource with all new reported assays to be utilized in the 2019 MRE update. 	
	• Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.		

Exploration Targets, Exploration Results

The information in this report that relates to Exploration Targets and Exploration Results is based on information compiled by Mr Scott Huffadine (B.Sc. (Hons)), a Competent Person who is a Member of the Australian Institute of Geoscientists. Mr Huffadine is a Director and full time employee of the company. Mr Huffadine is eligible to participate in short and long term incentive plans of and holds shares, options and performance rights in the Company as has been previously disclosed. Mr Huffadine 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 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr Huffadine consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

Forward Looking Statements

Certain statements in this report relate to the future, including forward looking statements relating to Pantoro's financial position and strategy. These forward looking statements involve known and unknown risks, uncertainties, assumptions and other important factors that could cause the actual results, performance or achievements of Pantoro to be materially different from future results, performance or achievements expressed or implied by such statements. Actual events or results may differ materially from the events or results expressed or implied in any forward looking statement and deviations are both normal and to be expected. Other than required by law, neither Pantoro, their officers nor any other person gives any representation, assurance or guarantee that the occurrence of the events expressed or implied in any forward looking statements will actually occur. You are cautioned not to place undue reliance on those statements.