



ASX Announcement
29 October 2020

Big Gold Hits at Green Lantern including 41 m @ 1.91 g/t Au

Pantoro Limited (**ASX:PNR**) (**Pantoro**) is pleased to advise that ongoing drilling at its recent Green Lantern discovery continues to confirm wide high grade gold zones over a substantial strike length. Green Lantern lies within the Scotia Mining Centre at the Norseman Gold Project (PNR 50%). Green Lantern was not included in the Phase One Feasibility study mine plan or Mineral Resource which was released on 12 October 2020, presenting immediate upside for the project.

Key Highlights

- Substantial near surface mineralisation now identified over a strike length of approximately 400 metres at Green Lantern. Mineralisation remains open to the north and down dip.
- Drilling has confirmed and extended wide ore grade intersections. The Green Lantern mineralisation appears to be an extension of the Lady Eleanor shear system which provides a combined strike of approximately 800 metres outside of the Phase One open pit design at Scotia.
- Drilling indicates multiple lode structures, with a wide, lower grade stockwork system and higher grade zones typical of other orebodies known within the mining centre.

New results include:

Green Lantern Wide Zone

- 41 m @ 1.91 g/t Au inc. 26m @ 2.39 g/t Au.
- 29 m @ 2.53 g/t Au inc. 13m @ 3.37 g/t Au.
- 23 m @ 1.40 g/t Au inc. 9m @ 2.15 g/t Au.
- 12 m @ 3.54 g/t Au.
- 13 m @ 2.40 g/t Au.
- 12 m @ 2.27 g/t Au.
- 6 m @ 3.78 g/t Au.
- 7 m @ 2.34 g/t Au.
- 10 m @ 1.15 g/t Au.

Green Lantern High Grade Zones

- 2 m @ 14.85 g/t Au.
- 2 m @ 20.59 g/t Au.
- 2 m @ 8.30 g/t Au.
- 2 m @ 4.76 g/t Au.

Pantoro currently has five drill rigs operating at the Scotia Mining Centre focussed on extension of Green Lantern and Lady Eleanor mineralisation, depth extension of the Scotia Orebody, additional exploration and sterilisation works within the planned waste dump footprint.

Commenting on the Results Pantoro Managing Director Paul Cmrlec said:

“The Phase One DFS demonstrated the importance of Scotia in the revised mine plan. The new discovery to the south east of the current open pit design has real potential to double the size of planned open pits, and the wide ore zones now identified add an exciting dimension to the project.

Drilling at Scotia will continue as a priority, and additional programs are also commencing on the historic Mainfield during the coming week. Pantoro has a clear strategy to double the ounces in the Phase One mine plan at Norseman during the next twelve to eighteen months and these results provide a fantastic start to meeting that objective.”

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Green Lantern

Green Lantern lies approximately 270 metres to the South East of the existing Scotia Pit, and is open at depth and along strike to the North. The current drilling program has continued to define multiple lodes which remain open up and down dip and along strike.

Pantoro is continuing its drilling program with a focus on near term additions to the Mineral Resource in the area at Scotia. Results indicate a wide lode system as well as a narrower high grade system at Green Lantern, and include:

Green Lantern Wide Zone

- 41 m @ 1.91 g/t Au inc. 26m @ 2.39 g/t Au.
- 29 m @ 2.53 g/t Au inc. 13m @ 3.37 g/t Au.
- 23 m @ 1.40 g/t Au inc. 9m @ 2.15 g/t Au.
- 12 m @ 3.54 g/t Au.
- 13 m @ 2.40 g/t Au.
- 12 m @ 2.27 g/t Au.
- 6 m @ 3.78 g/t Au.
- 7 m @ 2.34 g/t Au.
- 10 m @ 1.15 g/t Au.

Green Lantern High Grade Zones

- 2 m @ 14.85 g/t Au.
- 2 m @ 20.59 g/t Au.
- 2 m @ 8.30 g/t Au.
- 2 m @ 4.76 g/t Au.

Previous results released for the Green Lantern system include:

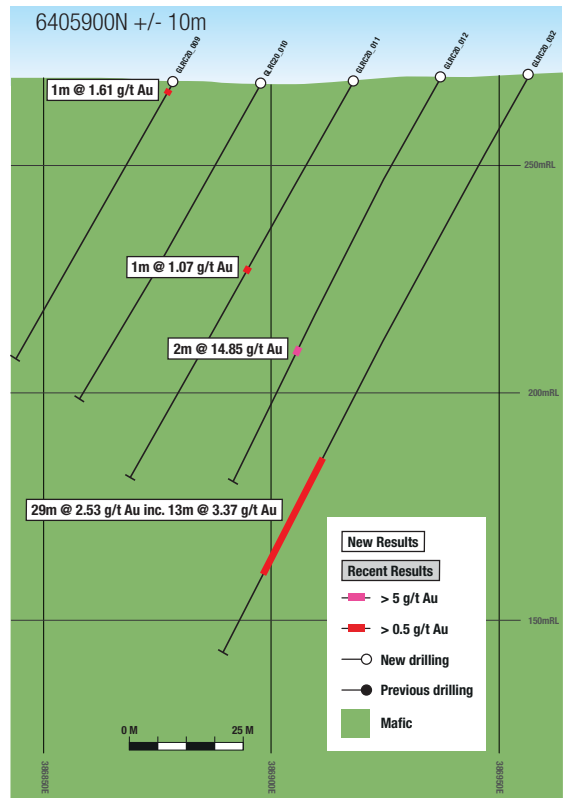
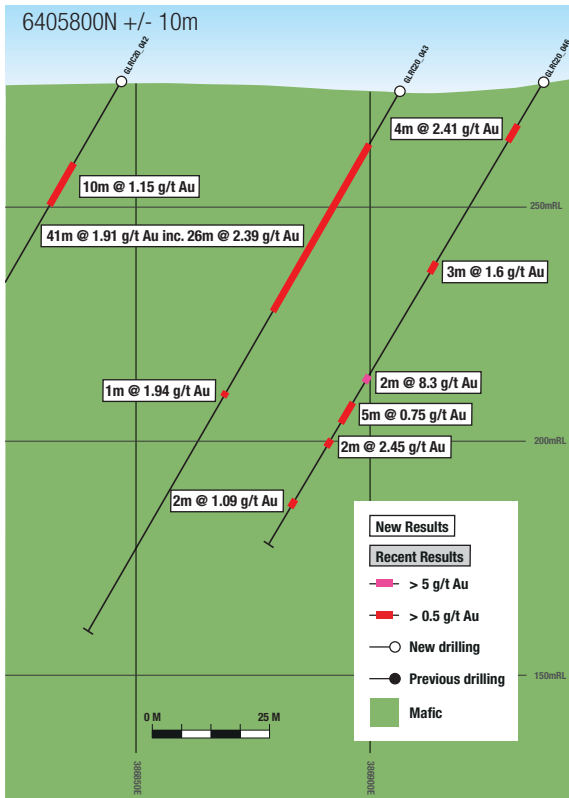
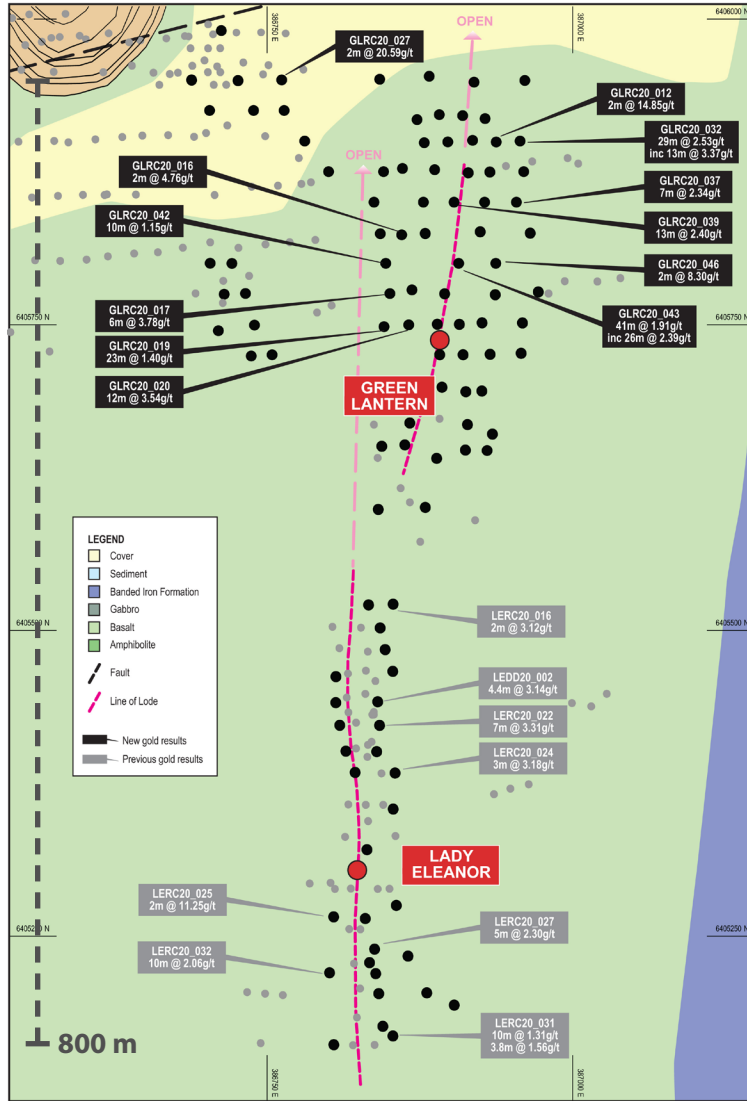
Green Lantern Wide Zone

- 16 m @ 2.61 g/t Au.
- 21 m @ 2.36 g/t Au.
- 12 m @ 2.03 g/t Au.
- 15 m @ 1.88 g/t Au.
- 11 m @ 1.52 g/t Au.
- 13 m @ 1.43 g/t Au.

Green Lantern High Grade Zones

- 3 m @ 6.09 g/t Au.
- 2 m @ 4.51 g/t Au.
- 4 m @ 3.22 g/t Au.
- 2 m @ 5.81 g/t Au.
- 4 m @ 3.41 g/t Au.
- 2 m @ 3.77 g/t Au.

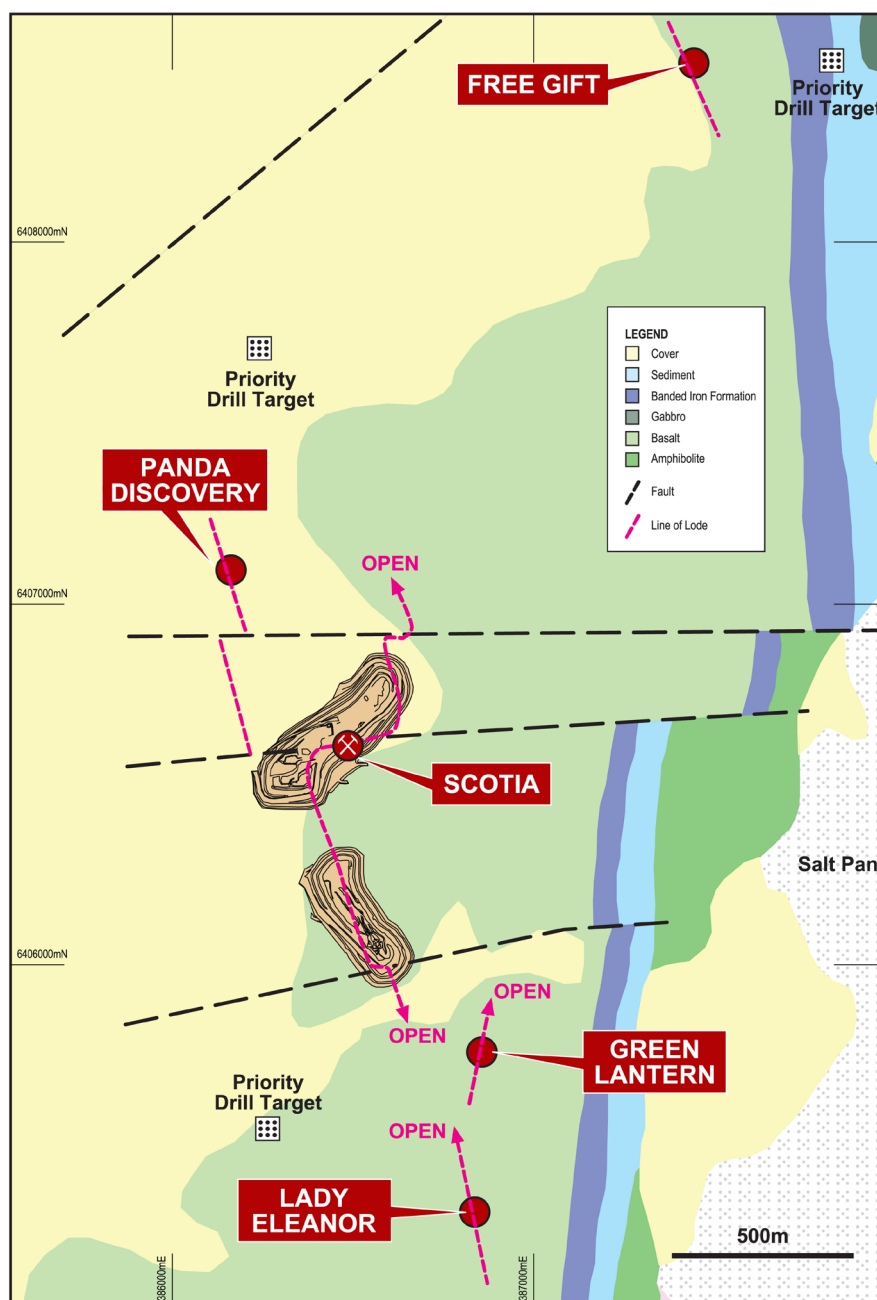
Refer to ASX Announcement entitled 'New Ore Zone Discovered at Scotia Mining Centre' dated 20 August 2020 for full details.



About the Scotia Mining Centre

The Scotia mining centre is located approximately 25 km south of Norseman and was discovered in 1893. The historic production recorded from the Scotia mine via open pit and underground mining was 811,000 tonnes @ 5.9 g/t Au for 155,000 ounces. Scotia was actively mined from 1987 until 1996.

Scotia hosts a number of Mineral Resource areas in close proximity, and several zones where high grade mineral occurrences have not yet been classified.



Location of Green Lantern and Lady Eleanor within the Scotia Mining Centre

The mineralisation at Scotia is hosted by a shear zone that transects the Woolyeenyer Formation. The geological environment differs from that at Norseman, in that the stratigraphy has been subjected to higher metamorphic grades. Primary gold is located in shear zones with quartz sulphide veins predominantly pyrrhotite and is structurally controlled by closely spaced brittle faults of varying orientations.

The current Mineral Resource at Scotia is estimated to contain 4.14 Mt @ 3.45 g/t Au for 460,000 ounces (refer to ASX Announcement entitled 'DFS for the Norseman Gold Project', dated 12 October 2020). Pantoro has committed to a large scale exploration and resource extension program at Scotia, and expects drilling to continue in the area for at least the next six to twelve months.

About the Norseman Gold Project (Pantoro 50%)

Pantoro Limited announced the major acquisition of 50% of the Norseman Gold Project in May 2019 and completion occurred on 9 July 2019. Pantoro is the manager of the unincorporated joint venture, and is responsible for defining and implementing work programs, and the day to day management of the operation.

The Norseman Gold Project is located in the Eastern Goldfields of Western Australia, at the southern end of the highly productive Norseman-Wiluna greenstone belt. The project lies approximately 725 km east of Perth, 200 km south of Kalgoorlie, and 200 km north of Esperance.

The current Mineral Resource is 4.2 million ounces of gold (100% basis). Many of the Mineral Resources defined to date remain open along strike and at depth, and many of the Mineral Resources have only been tested to shallow depths.

Pantoro recently completed its Phase One DFS for the project, defining an initial seven year life with average production of 108,000 ounces per annum once at steady state. For the purpose of the DFS, Pantoro has focused Mineral Resource and Ore Reserve definition drilling on six initial mining areas containing multiple deposits which are amenable to both open pit and underground mining. The DFS only considers 28% of the Resource at Norseman and large scale drill programs are ongoing.

The project comprises 146 near-contiguous mining tenements, most of which are pre-1994 Mining Leases. The tenure extends approximately 70 lineal kilometres of the highly prospective Norseman – Wiluna greenstone belt covering more than 1,000 square kilometres. Pantoro is focused on establishing a clear production development plan, and execution of that plan. The aim will be to initially establish an initial inventory of ~500,000 ounces to support a restart of operations.

Historically, the Norseman Gold Project areas have produced over 5.5 million ounces of gold since operations began in 1935, and is one of, if not the highest grade fields within the Yilgarn Craton. Pantoro is focused on establishing a clear production development plan, and has commenced drilling and other works required to convert Mineral Resources to Ore Reserves.

Enquiries

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This announcement was authorised for release by Paul Cmrlec, Managing Director.

Appendix 1 – Table of Drill Results

Hole Number	Northing	Easting	RL	Dip (degrees)	Azimuth (degrees)	End of Hole Depth (m)	Downhole From (m)	Downhole To (m)	Downhole Intersection (m)	Au gpt (uncut)
LERC20_066	6405775	386732	273	-60	270	90	45	46	1.00	2.49
							50	51	1.00	2.21
GLRC20_001	6405950	386843	269	-60	270	100	29	30	1.00	1.70
GLRC20_002	6405950	386882	268	-60	270	108	50	51	1.00	1.14
GLRC20_006	6405925	386893	267	-60	270	84	14	18	4.00	0.94
GLRC20_013	6405875	386862	271	-60	270	66	32	33	1.00	1.48
GLRC20_014	6405875	386889	270	-60	270	75	21	22	1.00	1.17
							58	59	1.00	3.79
GLRC20_009	6405900	386879	268	-60	270	70	2	3	1.00	1.61
GLRC20_015	6405825	386853	274	-60	270	70	14	15	1.00	1.22
GLRC20_016	6405825	386870	274	-60	270	90	1	3	2.00	1.24
							28	30	2.00	1.20
							45	46	1.00	2.21
							80	82	2.00	4.76
GLRC20_011	6405900	386917	269	-60	270	100	47	48	1.00	1.07
GLRC20_012	6405900	386936	269	-60	270	100	67	69	2.00	14.85
GLRC20_017	6405775	386858	280	-60	270	90	15	16	1.00	1.27
							19	20	1.00	1.03
							23	29	6.00	3.78
							55	56	1.00	1.24
GLRC20_019	6405750	386847	282	-60	270	65	17	18	1.00	2.21
							22	23	1.00	1.02
						incl.	40	63	23.00	1.40
GLRC20_021	6405645	386935	287	-60	270	130	53	62	9.00	2.15
							0	5	5.00	1.43
							19	21	2.00	1.49
							66	67	1.00	1.55

Hole Number	Northing	Easting	RL	Dip (degrees)	Azimuth (degrees)	End of Hole Depth (m)	Downhole From (m)	Downhole To (m)	Downhole Intersection (m)	Au gpt (uncut)
GLRC20_018	6405775	386877	279	-60	270	115	10	11	1.00	2.99
							27	28	1.00	2.49
							36	37	1.00	2.37
							50	52	2.00	2.93
							58	61	3.00	1.52
GLRC20_020	6405750	386869	284	-60	270	84	10	14	4.00	1.89
							18	30	12.00	3.54
							52	54	2.00	2.64
							64	66	2.00	1.16
							70	74	4.00	2.05
GLRC20_035	6405875	386960	274	-60	270	105	78	80	2.00	3.08
							86	88	2.00	1.77
GLRC20_028	6405925	386739	273	-60	270	100	104	105	1.00	1.61
							48	49	1.00	1.72
GLRC20_027	6405950	386762	273	-60	270	129	47	49	2.00	20.59
							69	70	1.00	3.46
GLRC20_032	6405900	386958	270	-60	270	144	96	125	29.00	2.53
						incl.	96	109	13.00	3.37
GLRC20_029	6405924	386764	271	-60	270	112	98	99	1.00	1.05
GLRC20_034	6405880	386789	270	-60	270	93	62	65	3.00	0.81
							72	75	3.00	0.82
GLRC20_033	6405874	386843	271	-60	270	78	17	18	1.00	1.34
GLRC20_040	6405848	386878	272	-60	270	132	53	56	3.00	1.27
							70	72	2.00	0.99
							118	120	2.00	1.07
							125	127	2.00	1.68
GLRC20_042	6405800	386847	277	-60	270	90	21	31	10.00	1.15

Hole Number	Northing	Easting	RL	Dip (degrees)	Azimuth (degrees)	End of Hole Depth (m)	Downhole From (m)	Downhole To (m)	Downhole Intersection (m)	Au gpt (uncut)
GLRC20_046	6405800	386878	276	-60	270	115	11	15	4.00	2.41
							45	48	3.00	1.60
							73	75	2.00	8.30
							80	85	5.00	0.75
							89	91	2.00	2.45
							104	106	2.00	1.09
GLRC20_039	6405850	386903	272	-60	270	148	8	10	2.00	0.95
							25	38	13.00	2.40
							45	50	5.00	1.71
							55	58	3.00	2.36
							72	75	3.00	1.75
GLRC20_038	6405850	386928	273	-60	270	139	20	21	1.00	1.12
							67	70	3.00	1.76
							86	87	1.00	4.50
							95	97	2.00	2.77
							113	116	3.00	1.50
GLRC20_043	6405800	386907	275	-60	270	97	14	55	41.00	1.91
						incl.	14	40	26.00	2.39
						97	75	76	1.00	1.94
GLRC20_037	6405850	386954	275	-60	270	154	10	12	2.00	0.86
							22	23	1.00	2.26
							31	34	3.00	1.66
							33	34	1.00	3.85
							40	41	1.00	1.11
							56	59	3.00	3.38
							67	68	1.00	1.38
							71	73	2.00	3.33
							86	88	2.00	0.97
							133	134	1.00	5.16
141	148	7.00	2.34							

Appendix 2 – Mineral Resources

Norseman Gold Project Mineral Resources

Total Mineral Resources	Measured			Indicated			Inferred			Total		
	kT	Grade	kOz	kT	Grade	kOz	kT	Grade	kOz	kT	Grade	kOz
Underground	267	14.4	124	2,048	13.6	895	2,883	10.7	988	5,196	12.0	2,010
Surface South	140	2.3	10	7,616	2.2	550	10,362	3.1	1,027	18,119	2.7	1,593
Surface North	4,165	0.7	100	4,207	2.0	276	3,325	2.5	264	11,684	1.7	639
Total	4,572	1.6	234	13,871	3.9	1,721	16,570	4.3	2,280	35,000	3.8	4,241

Underground Mineral Resource	Measured			Indicated			Inferred			Total		
	kT	Grade	kOz	kT	Grade	kOz	kT	Grade	kOz	kT	Grade	kOz
Scotia												
Scotia	-	-	-	364	6.2	72	703	4.7	107	1,067	5.2	180
Total Scotia	-	-	-	364	6.2	72	703	4.7	107	1,067	5.2	180

Surface Mineral Resource	Measured			Indicated			Inferred			Total		
	kT	Grade	kOz	kT	Grade	kOz	kT	Grade	kOz	kT	Grade	kOz
Scotia												
Scotia	-	-	-	1,552	3.6	180	743	2.3	56	2,295	3.2	236
Lady Eleanor	-	-	-	198	1.8	12	198	1.4	9	397	1.6	21
Freegift	-	-	-	-	-	-	254	1.5	13	254	1.5	13
Panda	-	-	-	68	2.8	6	65	1.9	4	133	2.4	10
Total Scotia	-	-	-	1,818	3.4	198	1,260	2.0	82	3,079	2.8	280

Notes: For full details, refer to ASX Announcement entitled 'DFS for the Norseman Gold Project' dated 12 October 2020. Rounding may result in apparent summation differences between tonnes, grade and contained metal content. Pantoro has a 50% share of the Norseman Gold Project Mineral Resource.

Appendix 3 – JORC Code 2012 Edition – Table 1

SECTION 1: SAMPLING TECHNIQUES AND DATA

Criteria	JORC Code explanation	Commentary
Sampling techniques	<ul style="list-style-type: none"> 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 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. 	<ul style="list-style-type: none"> This release relates to results from Reverse Circulation (RC) drill sampling of the Green Lantern prospect at the Norseman gold project. RC – Metzke fixed cone splitter used, with double chutes for field duplicates, Infinite adjustment between 4 – 15% per sample chute sampled every 1m. RC samples 2-7kg samples are dispatched to an external accredited laboratory where they are crushed and pulverized to a pulp (P90 75 micron) for fire assay (40g charge). Visible gold is encountered and where observed during logging, Screen Fire Assays are conducted.
Drilling techniques	<ul style="list-style-type: none"> 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). 	<ul style="list-style-type: none"> RC – Reverse circulation drilling was carried out using a face sampling hammer and a 5 & 5/8-inch diameter bit.
Drill sample recovery	<ul style="list-style-type: none"> 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. 	<ul style="list-style-type: none"> All holes were logged at site by an experienced geologist or logging was supervised by an experienced geologist. Recovery and sample quality were visually observed and recorded. RC- recoveries are monitored by visual inspection of split reject and lab weight samples are recorded and reviewed. RC drilling by previous operators to industry standard at the time.
Logging	<ul style="list-style-type: none"> 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. 	<ul style="list-style-type: none"> Geological logging is completed or supervised by a qualified geologist and logging parameters include: depth from, depth to, condition, weathering, oxidation, lithology, texture, colour, alteration style, alteration intensity, alteration mineralogy, sulphide content and composition, quartz content, veining, and general comments. 100% of the holes are logged.

Criteria	JORC Code explanation	Commentary
Sub-sampling techniques and sample preparation	<ul style="list-style-type: none"> 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. 	<ul style="list-style-type: none"> All RC holes are sampled on 1m intervals. RC samples taken off the fixed cone splitter and are generally dry. Sample sizes are considered appropriate for the material being sampled. Field duplicates are routinely collected.
Quality of assay data and laboratory tests	<ul style="list-style-type: none"> 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. 	<ul style="list-style-type: none"> Assays are completed in a certified laboratory in Kalgoorlie WA and Perth WA. 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. 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. For RC drill samples from the commencement of the mine until late 1995, the assaying was done on site until the closure of the on-site laboratory followed by samples being sent to Silver Lake lab at Kambalda. From November 2001 the samples were sent to Analabs in Kalgoorlie, subsequently owned and operated by the SGS group. The samples have always been fire assayed with various charge weights (generally either 30 or 50g). The method was (using the SGS codes) DRY11 (sample drying, 105°C), CRU24 (crush > 3.5kg, various mesh sizes per kg), SPL26 (riffle splitting, per kg), PUL48 (pulv, Cr Steel, 75µm, 1.5 to 3kg), FAA505 (AU FAS, AAS, 50g) (two of these were performed), and WST01 (waste disposal).

Criteria	JORC Code explanation	Commentary
Verification of sampling and assaying	<ul style="list-style-type: none"> 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. 	<ul style="list-style-type: none"> Significant intersections are noted in logging and checked with assay results by company personnel both on site and in Perth. There are no twinned holes drilled as part of these results All primary data is logged on paper or digitally and later entered into the SQL database. Data is visually checked for errors before being sent to company database manager for further validation and uploaded into an offsite database. Hard copies of original drill logs are kept in the onsite office. Visual checks of the data are completed in Surpac mining software. No adjustments have been made to assay data unless in instances where standard tolerances are not met and a re-assay is ordered.
Location of data points	<ul style="list-style-type: none"> 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. 	<ul style="list-style-type: none"> RC drill holes used a REFLEX GYRO with survey measurements every 5m. A Champ Discover magnetic multi-shot drill hole survey tool has also been utilised for comparison on some holes taking measurements every 30m. Surface RC drilling is marked out using GPS and final pickups using DGPS collar pickups. The project lies in MGA 94, zone 52. Topographic control uses DGPS collar pickups and external survey RTK data and is considered adequate for use.
Data spacing and distribution	<ul style="list-style-type: none"> 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. 	<ul style="list-style-type: none"> This current round of drilling was nominally on 25m northing lines and spacing was between 10-30m across section lines depending on pre-existing hole positions. No compositing is applied to RC sampling. All RC samples are at 1m intervals.
Orientation of data in relation to geological structure	<ul style="list-style-type: none"> 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. 	<ul style="list-style-type: none"> No bias of sampling is believed to exist through the drilling orientation All drilling in this program is currently interpreted to be perpendicular to the orebody.
Sample security	<ul style="list-style-type: none"> The measures taken to ensure sample security. 	<ul style="list-style-type: none"> The chain of custody is managed by Pantoro employees and contractors. Samples are stored on site and delivered in bulk bags to the lab in Kalgoorlie and when required transshipped to affiliated Perth Laboratory. Samples are tracked during shipping.
Audits or reviews	<ul style="list-style-type: none"> The results of any audits or reviews of sampling techniques and data. 	<ul style="list-style-type: none"> No audit or reviews of sampling techniques have been undertaken however the data is managed by company data scientist who has internal checks and protocols in place for all QA/QC.

SECTION 2: REPORTING OF EXPLORATION RESULTS

Criteria	JORC Code explanation	Commentary
Mineral tenement and land tenure status	<ul style="list-style-type: none"> 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. 	<ul style="list-style-type: none"> The tenements where the drilling has been completed is 50% held by Pantoro subsidiary company Pantoro South Pty Ltd in an unincorporated JV with CNGC Pty Ltd. These are: M63/325 and M63/112. Tenement transfers to Pantoro South are yet to occur as stamp duty assessments have not been completed by the office of state revenue. The tenements predate native title claims. The tenements are in good standing and no known impediments exist.
Exploration done by other parties	<ul style="list-style-type: none"> Acknowledgment and appraisal of exploration by other parties. 	<ul style="list-style-type: none"> Gold was discovered in the area 1894 and mining undertaken by small Syndicates. In 1935 Western Mining established a presence in the region and operated the Mainfield and Northfield areas under the subsidiary company Central Norseman Gold Corporation Ltd. The Norseman asset was held within a company structure whereby both the listed CNGC held 49.52% and WMC held a controlling interest of 50.48%. They operated continuously until the sale to Croesus in October 2001 and operated until 2006. During the period of Croesus management the focus was on mining from the Harlequin and Bullen Declines accessing the St Pats, Bullen and Mararoa reefs. Open Pits were HV1, Daisy, Gladstone and Golden Dragon with the focus predominantly on the high grade underground mines. From 2006-2016 the mine was operated by various companies with exploration being far more limited than that seen in the previous years. The Scotia deposit was drilled by CNGC who mined the deposit by both open pit and underground methods between 1987 and 1996.
Geology	<ul style="list-style-type: none"> Deposit type, geological setting and style of mineralisation. 	<ul style="list-style-type: none"> The Norseman gold deposits are located within the southern portion of the Eastern Goldfields Province of Western Australia in the Norseman-Wiluna greenstone belt in the Norseman district. Deposits are predominantly associated with near north striking easterly dipping quartz vein within metamorphosed Archean mafic rocks of the Woolyeenyer Formation located above the Agnes Venture slates which occur at the base. The principal units of the Norseman district, are greenstones which are west dipping and interpreted to be west facing. The sequence consists of the Penneshaw Formation comprising basalts and felsic volcanics on the eastern margin bounded by the Buldania granite batholith, the Noganyer Iron Formation, the Woolyeenyer formation comprising pillow basalts intruded by gabbros and the Mount Kirk Formation a mixed assemblage.

Criteria	JORC Code explanation	Commentary
		<ul style="list-style-type: none"> The mineralisation is hosted in quartz reefs in steeper shears and flatter linking sections, more recently significant production has been sourced from NNW striking reefs known as cross structures (Bullen). Whilst a number of vein types are categorized the gold mineralisation is predominantly located in the main north trending reefs which in the Mainfield strike for over a kilometre. The quartz/sulphide veins range from 0.5 metres up to 2 metres thick, these veins are zoned with higher grades occurring in the laminated veins on the margins and central bucky quartz which is white in colour. Bonanza grades are associated with native gold and tellurides with other accessory sulphide minerals being galena, sphalerite, chalcopyrite, pyrite and arsenopyrite. The long running operations at Norseman have provided a good understanding on the controls of mineralisation as well as the structural setting of the deposits. The overall geology of the Norseman area is well understood with 3D Fractal Graphic mapping and detailed studies, adding to a good geological understanding to the area. The geometry of the main lodes at Norseman are well known and plunge of shoots predictable in areas, however large areas remain untested by drilling with the potential for new spurs and cross links high. Whilst the general geology of lodes is used to constrain all wireframes, predicting continuity of grade has proven to be difficult at the higher grades when mining and in some instances (containing about 7% of the ounces) subjective parameters have been applied
Drill hole Information	<ul style="list-style-type: none"> 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: <ul style="list-style-type: none"> » 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. 	<ul style="list-style-type: none"> A table of drill hole data pertaining to this release is attached. All holes with results available from the last public announcement are reported.

Criteria	JORC Code explanation	Commentary
Data aggregation methods	<ul style="list-style-type: none"> 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. The assumptions used for any reporting of metal equivalent values should be clearly stated. 	<ul style="list-style-type: none"> Reported drill results are uncut and length weighted. All relevant intervals to the reported mineralised intercept are length weighted to determine the average grade for the reported intercept. All significant intersections are reported with a lower cut off of 0.5 g/t Au including a maximum of 5m of contiguous internal dilution. Individual intervals below this cut off are reported where they are considered to be required in the context of the presentation of results. No metal equivalents are reported.
Relationship between mineralisation widths and intercept lengths	<ul style="list-style-type: none"> 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'). 	<ul style="list-style-type: none"> Surface RC drilling is currently interpreted to be perpendicular to the orebody. Downhole lengths are reported at this stage, as due to the multiple stacked lodes in the Green Lantern Deposit, a clear geometry and orientation are not yet defined so true width cannot be accurately determined.
Diagrams	<ul style="list-style-type: none"> 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. 	<ul style="list-style-type: none"> Appropriate diagrams are included in the report.
Balanced reporting	<ul style="list-style-type: none"> 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. 	<ul style="list-style-type: none"> All holes available are reported are included in the tables Diagrams show the location and tenor of both high and low grade samples.
Other substantive exploration data	<ul style="list-style-type: none"> 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. 	<ul style="list-style-type: none"> No other meaningful data to report.
Further work	<ul style="list-style-type: none"> 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. 	<ul style="list-style-type: none"> As already noted these drilling results are part of an ongoing definition program to further define the mineralisation. This program will also evaluate and test the potential for depth and Strike extensions of the ore shoots.

Exploration Targets, Exploration Results

The information in this report that relates to Exploration Targets and Exploration Results is based on information compiled by Mr Andrew Finch, a Competent Person who is a Member of the Australian Institute of Geoscientists. Mr Finch is a full time employee of the company. Mr Finch is eligible to participate in short and long term incentive plans of and holds shares and options in the Company. Mr Finch 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 Finch consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

Previous Green Lantern Drilling Results

The information is extracted from the reports entitled 'New Ore Zone Discovered at Scotia Mining Centre' created on 20 August 2020 and available to view on Pantoro's website (www.pantoro.com.au) and the ASX (www.asx.com.au). The company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcement. The company confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the original market announcement.

Norseman Gold Project Mineral Resources & Ore Reserves

The information is extracted from the report entitled 'DFS for the Norseman Gold Project' created on 12 October 2020 and is available to view on Pantoro's website (www.pantoro.com.au) and the ASX (www.asx.com.au). The company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcement and, in the case of estimates of Mineral Resources or Ore Reserves, that all material assumptions and technical parameters underpinning the estimates in the relevant market announcement continue to apply and have not materially changed. The company confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the original market announcement.

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.