17 April 2015





VISION | COMMITMENT | RESULTS

ASX:PAN

## More good hits at Savannah, mineralisation extended

### **Key Points**

Savannah North -- extended, Resource drilling to commence this month

- SMD164 intersected 5.05m grading 2.62% Ni including a zone of 4.09m grading 3.38% Ni
- Mineralisation now extends west by another 250m
- 1570 Drill Drive complete and Resource drilling about to commence
- Maiden Savannah North Resource due December 2015 quarter

### Savannah - Lower Zone Western Splay extended significantly

Resource definition drilling has extended the Lower Zone Western Splay **mineralisation significantly to the north and west** above the 900 Fault. Recent results include:

- 11.60m @ 1.79% Ni from 69.3m (KUD1377)
- 13.10m @ 2.53% Ni from 95.9m (KUD1380)
- 16.00m @ 2.07% Ni from 109.0m (KUD1392)
- 17.72m @ 1.76% Ni from 84.8m (KUD1405)
- 40.90m @ 0.96% Ni from 85.2m (KUD1379)

#### Savannah - Sub 900 Fault, Resource drilling nearing completion

Recent results include:

- 13.10m @ 2.56% Ni from 323.0m (KUD1370)
- 14.70m @ 2.66% Ni from 305.0m (KUD1375)
- 17.05m @ 2.19% Ni from 354.3m (KUD1383)

#### **Details**

The Company's 2015 exploration focus is aimed at materially extending the mine life at both the Savannah and Lanfranchi operations. The Company continues to have success on this front and is pleased to provide the following update for Savannah. Three exploration drill rigs (two underground and one surface rig) have been operating at Savannah since the last Company update in February 2015. The two underground rigs have been conducting Resource definition drilling on the mineralisation below the 900 Fault and Lower Zone Western Splay mineralisation, while the surface rig has been testing EM targets at Savannah North. Both underground rigs will now be relocated to the end of the Savannah North 1570 Drill Drive to begin the Savannah North maiden Resource drill program.

#### Savannah North - Surface Drilling and DHEM Surveying

As reported in February 2015 (see Company ASX announcement of 18 February 2015), a new program of surface drilling is underway at Savannah North. The aim of the surface drilling is to test for extensions of the Savannah North mineralisation to the east and west and to test for possible links between the Savannah orebody and the Savannah North mineralisation.

The first hole of the program (SMD161) was drilled to the south-east of Savannah North and returned an intersection of 6.83m @ 0.80% Ni, 0.29% Cu and 0.05% Co from 814.54m, including 3.91m @ 1.00 % Ni, 0.33% Cu and 0.06% Co. The down-hole electromagnetic (DHEM) survey of SMD161 identified two significant, on-hole anomalous responses. The upper response at 820m coincides with the intersection of 6.83m grading 0.80%Ni. It has modelled extents of **150m x 300m** with the source centred to the east of the hole. The lower response at 880 metres coincides with the base of the North Olivine Gabbro (NOG) intrusion.



It is the more dominant response, with a **large modelled extent of 250m x 600m**, with the bulk of the response located down dip to the north of the hole. The source is interpreted to be associated with the main body of the Savannah North mineralisation.

5500mE 6500mE 6000mE -3000mN Lower Zone SAVANNAH NORTH **Upper Zone** Resource definition drilling April-August 2015 6.83m @ 0.80% Ni 0.29% Cu, 0.05% Co, incl. 3.91m @ 1.00% Ni 0.33% Cu, 0.06% Co. Open Development completed **SMD164** Open **SMD161** 5.05m @ 2.62% Ni Stockpile 6 0.16% Cu, 0.10% Co, incl. 4.09m @ 3.38% Ni 0.18% Cu, Savannah North 1570 Drill Drive **SMD162 SMD163** Strong EM conductor Stockpile 3 to be tested from Stockpile 6 2000mN Sub 900 Fault **SAVANNAH** Approximate position of Western Splay Lower Zone 1500mN **Upper Zone** PANORAMIC SAVANNAH OPERATIONS 300m **Composite Plan View** Savannah and Savannah North (Truncated MGA 94)

Figure 1 - Composite Plan View of Savannah and Savannah North areas





Drill holes SMD162, 163 and 164 have also been completed (*Figure 1*). SMD162 and 163 were drilled specifically to test for possible geological links between the Savannah orebody and Savannah North and were not expected to intersect mineralisation. The DHEM survey of SMD162 identified two anomalies; the first is a clear off-hole anomaly at 600m depth which coincides with the base of the NOG intrusive complex. The source of this anomaly is interpreted to be located to the west of the hole. The second, lower off-hole anomaly is evident towards the end of the hole and is consistent with the hole approaching another conductive source below the hole. The lower section of SMD162 will be re-surveyed in an attempt to further clarify this EM response. DHEM surveys are still pending for SMD163 and SMD164.

Drill hole SMD164 was targeted to test the projected down-plunge continuation of the Savannah North mineralisation to the west. The hole was collared within Tickalara Metamorphics, and as anticipated intersected the NOG at a depth of 130 metres and stayed within the intrusion until intersecting 5.05m of Savannah North style massive sulphide mineralisation grading 2.62% Ni, 0.16% Cu and 0.10% Co at a depth of 1,325.45m. Within the intersection is a zone of 4.09m grading 3.38% Ni, 0.18% Cu and 0.13% Co. The position of this intersection is very significant as it extends the previous western limit of the Savannah North mineralisation by at least a further 250m to the west, where it remains open.

### **Sub 900 Fault Resource Drilling**

The Sub 900 Fault Resource drill program has progressed well and is nearing completion. The programme has been conducted from Stockpile 3 in the Savannah North 1570 Drill Drive (*Figure 1*). It is anticipated that the Mineral Resource estimate for this zone will be included in the Company's June 2015 Resource and Reserve Statement. Better drill results include:

- 13.10m @ 2.56% Ni from 323.0m (KUD1370);
- 14.70m @ 2.66% Ni from 305.0m (KUD1375); and
- 17.05m @ 2.19% Ni from 354.3m (KUD1383).

### **Lower Zone Western Splay Program**

The second Savannah underground drill rig has been conducting an infill program of Resource definition holes into the Lower Zone Western Splay (*Figure 1*). The Western Splay is a lens of mineralisation that originates from the main Savannah orebody and extends westwards for up to 250 metres into the surrounding Tickalara Metamorphics. It has been a consistent feature of the Savannah orebody from surface to the base of the Lower Zone. As drill sites become available, possible extensions to the Western Splay below the 900 Fault will be tested.

Results to date from the Western Splay drilling have significantly exceeded expectations. Drilling has been targeting an area between the 1470RL down to the 900 Fault, a vertical extent of approximately 100m. Good widths of moderate to high-grade Savannah Style mineralisation have been intersected in many holes. The intercepts considerably extend the Western Splay mineralisation to the west and north as it approaches the 900 Fault. Recent results include:

- 11.60m @ 1.79% Ni from 69.3m (KUD1377);
- 40.90m @ 0.96% Ni from 85.2m (KUD1379);
- 13.10m @ 2.53% Ni from 95.9m (KUD1380):
- 16.00m @ 2.07% Ni from 109.0m (KUD1392); and
- 17.72m @ 1.76% Ni from 84.8m (KUD1405).

#### Savannah North - Maiden Resource Drilling

Development of the Savannah North 1570 Drill Drive is now complete (*Figure 1*). Drill services are being installed so drilling can commence. The maiden Resource drill program will target a 450m section of Savannah North mineralisation between 5700mE to 6150mE (*Figure 1*). Drilling will be on a 50m x 50m pattern, comprising approximately 70 holes for a total of 25,000 drill metres. Two rigs will undertake the program with an anticipated duration of approximately five to six months. It is important to note that based on current drilling, the Savannah North mineralisation now extends over 900m (between 5400mE and 6300mE) and the maiden Resource drill program is only targeting a small portion of this extent.





### Commentary

The recent exploration results support the Company's view that there is potential to add significant mine life at Savannah. The Company is on track to add the new Resources below the 900 Fault and Lower Zone Western Splay zone by mid-year and is targeting to report a maiden Resource at Savannah North in the December 2015 quarter. Importantly, both the upper and lower zones of the Savannah North mineralisation are open to the east and west. The discovery of the Savannah North mineralised zones highlights both the prospectivity of the North Olivine Gabbro and the strong potential to find other sources of mineralisation at the Savannah Project. The Concentrate Offtake Agreement with Jinchuan operates until 2020, providing a proven route to market for Savannah concentrates.

Panoramic would also like to acknowledge the ongoing support of the Western Australian State Government to the Savannah North Project through their Co-funded Exploration Drilling Incentive Scheme.

Table 1 - Summary of most recent 2015 Savannah Drill Results

Hole	East	North	RL	Dip	Azi	ЕОН	From	То	Intercept	Cu	Co
	(m)	(m)	(m)	(°)	(°)	(m)	(m)	(m)	·	(%)	(%)
KUD1370	395790.5	8081891.5	1541.8	-60.1	269.0	527.40	303.60	304.07	0.47m @ 3.17 %	0.11	0.15
							314.90	317.30	2.40m @ 0.63 %	0.59	0.04
							323.00	336.10	13.10m @ 2.56 %	0.79	0.13
							400.10	407.60	7.50m @ 2.48 %	0.61	0.13
							420.57	420.90	0.33m @ 0.57 %	0.89	0.03
KUD1375	395790.3	8081891.4	1541.8	-56.8	266.5	341.40	305.00	319.70	14.70m @ 2.66 %	0.80	0.15
KUD1377	395742.6	8081780.3	1515.4	-48.8	212.7	110.80	69.30	80.90	11.60m @ 1.79 %	0.86	0.09
KUD1379	395742.1	8081780.4	1517.1	-15.1	224.1	143.70	85.25	126.15	40.90m @ 0.96 %	1.00	0.04
KUD1380	395742.0	8081780.5	1516.7	-29.6	228.0	122.80	95.90	109.00	13.10m @ 2.53 %	0.76	0.11
							112.00	112.70	0.70m @ 0.52 %	1.34	0.03
KUD1383	395790.5	8081891.5	1541.8	-61.9	263.9	411.60	272.00	273.50	1.50m @ 1.20 %	0.52	0.07
							312.90	313.90	1.00m @ 0.92 %	0.13	0.06
							326.70	328.60	1.90m @ 0.46 %	3.14	0.04
							354.30	371.35	17.05m @ 2.19 %	0.51	0.12
KUD1392	395741.2	8081780.8	1516.0	-41.2	244.7	146.60	109.00	125.00	16.00m @ 2.07 %	0.88	0.09
							130.36	136.45	6.09m @ 2.35 %	0.68	0.10
KUD1405	395741.9	8081781.6	1515.8	-70.9	257.2	152.50	84.85	102.57	17.72m @ 1.76 %	0.89	0.08
							116.30	117.50	1.20m @ 4.17 %	1.33	0.19
							123.10	123.44	0.34m @ 4.28 %	3.16	0.20
							128.75	129.20	0.45m @ 2.04 %	0.34	0.10
							135.88	136.13	0.25m @ 1.42 %	8.21	0.08
							138.13	138.46	0.33m @ 1.94 %	0.52	0.10
							142.40	143.76	1.36m @ 0.79 %	0.89	0.04
SMD161	396383.0	8082268.6	2360.6	-82.1	307.0	997.00	814.54	821.37	6.83m @ 0.80 %	0.29	0.05
						including	817.46	821.37	3.91m @ 1.00 %	0.33	0.06
							825.10	826.15	1.05m @ 0.79 %	0.26	0.05
							875.50	876.70	1.20m @ 0.82 %	0.09	0.05
SMD162	396389.6	8082268.6	2360.8	-70.1	201.1	1027.00			NS		
SMD163	396387.4	8082277.7	2360.9	-62.0	135.6	876.80			NS		
SMD164	393385.7	8082596.6	2385.7	-85.4	175.0	1560.90	1325.45	1330.50	5.05m @ 2.62 %	0.16	0.10
						including	1325.45	1329.50	4.09m @ 3.38 %	0.18	0.13

Notes:

- 1. Intervals are down-hole lengths, not true-widths
- 2. Parameters: 0.5% Ni lower-cut off, with discretionary internal waste to a maximum of 3.00m
- 3. Intercepts < 1.5 % m not included





Disclosure - Table 1 is a summary of the drill results as described in the main body of this announcement. The JORC 2012 Compliance Tables for the reporting of exploration results (Section 1 and Section 2) is provided in Appendix 1. Results for drilling highlighted in this release but not specifically mentioned by hole number will be reported in the Company's March 2015 Quarterly Report.

### **Competent Person**

The information in this release that relates to Exploration Targets and Exploration Results is based on information compiled by John Hicks. Mr Hicks is a member of the Australasian Institute of Mining and Metallurgy (AusIMM) and is a full-time employee and shareholder of Panoramic Resources Limited. Mr Hicks also holds performance rights in relation to Panoramic Resources Limited. Mr Hicks has sufficient experience that is relevant to the style of mineralisation and type of target/deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the 2012 Edition of the Australian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. Mr Hicks consents to the inclusion in the release of the matters based on the information in the form and context in which it appears.

### **About the Company**

Panoramic Resources Limited (**ASX code: PAN**) is a Western Australian mining company formed in 2001 for the purpose of developing the Savannah Nickel Project in the East Kimberley. Panoramic successfully commissioned the \$65 million Savannah Project in late 2004 and then in 2005 purchased and restarted the Lanfranchi Nickel Project, near Kambalda. In FY2014, the Company produced a record 22,256t contained nickel and is forecasting to produce 20-21,000t contained nickel in FY2015.

Following the successful development of the nickel projects, the Company diversified its resource base to include gold and platinum group metals (PGM). The Gold Division consists of the Gidgee Project located near Wiluna and the Mt Henry Project (70% interest), near Norseman. Both projects are currently under feasibility study. The PGM Division consists of the Panton Project, located 60km south of the Savannah Project and the Thunder Bay North Project in Northern Ontario, Canada.

Panoramic has been a consistent dividend payer and has paid out a total of \$111 million in fully franked dividends since 2008. At 31 March 2015, Panoramic had \$61 million in cash, no bank debt and employed approximately 400 people.

The Company's vision is to broaden its exploration and production base, with the aim of becoming a major, diversified mining company in the S&P/ASX 100 Index. The growth path will include developing existing resources, discovering new ore bodies, acquiring additional projects and is being led by an experienced exploration-to-production team with a proven track record.

For further information contact: Peter Harold, Managing Director +61 8 6266 8600





### Appendix 1 – JORC 2012 Disclosures

Savannah Project - Table 1, Section 1 - Sampling Techniques and Data

Criteria	JORC Code explanation Commentary
Sampling techniques	<ul> <li>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.</li> <li>Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.</li> <li>Aspects of the determination of mineralisation that are Material to the Public Report.</li> <li>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.</li> <li>Exploration &amp; resource definition holes at Savannah are typically diamond cored holes &amp; may be drilled from either surface or underground. Mineralisation intersected by these holes is sampled using electric diamond saws.</li> <li>Drilling is typically conducted on a regular spacing, sufficient to achieve the objectives of the drill programme.</li> <li>Drill hole collars are surveyed using Leica Total Station survey equipment by a registered surveyor. Downhole surveys have been typically performed every 30 metres using either "Reflex EZ Shot" or "Flexit Smart Tools".</li> <li>All diamond core dholes &amp; may be dirilled from either surface or underground. Mineralisation intersected by these holes is sampled using electric diamond saws.</li> <li>Drill hole collars are surveyed using Leica Total Station survey equipment by a registered surveyor. Downhole surveys have been typically every equipment by a registered surveyor. Pownham and are typically d</li></ul>
Drilling techniques	<ul> <li>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).</li> <li>Diamond drilling at Savannah is typically performed NQ2 or LTK60 size. Some HQ &amp; BQ size cored holes have been drilled while RC drilling is occasionally employed to establish surface pre-collar holes.</li> </ul>
Drill sample recovery	<ul> <li>Method of recording and assessing core and chip sample recoveries and results assessed.</li> <li>Measures taken to maximise sample recovery and ensure representative nature of the samples.</li> <li>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.</li> <li>Diamond core recoveries are logged and recorded in the database. Overall recoveries are &gt;99% and there are no apparent core loss issues or significant sample recovery problems.</li> <li>Depths checked against core blocks, regular rod counts, driller breaks checked by fitting core together.</li> <li>No relationship exists between sample recovery and grade</li> </ul>
Logging	<ul> <li>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.</li> <li>Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc) photography.</li> <li>The total length and percentage of the relevant intersections logged.</li> <li>All holes are geologically logged in full. Geotechnical logging is carried out on all diamond drillholes for recovery and RQD. Number of defects (per interval) and roughness is measured around the ore zones. When recorded structure type, alpha angle, infill, texture and healing are stored in the structure table of the database.</li> <li>Logging of diamond core &amp; RC samples records lithology, colour, mineralisation, structural (DDH only) and other features. Core is photographed wet.</li> <li>All holes are geologically logged in full. Geotechnical logging is carried out on all diamond drillholes for recovery and RQD. Number of defects (per interval) and roughness is measured around the ore zones. When recorded structure type, alpha angle, infill, texture and healing are stored in the structure table of the database.</li> <li>Logging of diamond core &amp; RC samples records lithology, colour, mineralisation, structural (DDH only) and other features. Core is photographed wet.</li> <li>All drill holes are logged in full.</li> </ul>
Sub-sampling techniques and sample preparation	<ul> <li>If core, whether cut or sawn and whether quarter, half or all core taken.</li> <li>If non-core, whether riffled, tube sampled, rotary split, etc and whether sampled wet or dry.</li> <li>For all sample types, the nature, quality and appropriateness of the sample preparation technique.</li> <li>Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.</li> <li>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.</li> <li>Whether sample sizes are appropriate to the grain size of the material being sampled.</li> <li>Analytical core samples include a mix of full and sawn half core samples.</li> <li>All resource definition samples are diamond core only.</li> <li>All core sampling and sample preparation procedures follow industry best practice.</li> <li>QC involves the addition of Savannah derived CRM assay standards, blanks, and duplicates. At least one form of QC is inserted in most sample batches.</li> <li>Original versus duplicate assay results show a strong correlation due to massive sulphide rich nature of the mineralisation.</li> <li>Sample sizes are considered appropriate to represent the "Savannah Style" of mineralisation.</li> </ul>
Quality of assay data and laboratory tests	<ul> <li>The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.</li> <li>The Savannah Nickel Mine (SNM) onsite laboratory standard analytical technique is a 3-acid digest with an AAS finish. The method best approaches total dissolution</li> </ul>



Criteria	JORC Code explanation	Commentary
Verification of sampling and	<ul> <li>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, e</li> <li>Nature of quality control procedures adopted (eg standards, blanks, duplicates, external laboratory check and whether acceptable levels of accuracy (ie lack of biand precision have been established.</li> <li>The verification of significant intersections by either independent or alternative company personnel.</li> </ul>	<ul> <li>The onsite laboratory is run by SGS Laboratory Services.</li> <li>The onsite laboratory carries out sizing checks, uses internal standards, duplicates, replicates, blanks and repeats. A selection of roughly 10% of pulps is sent to</li> </ul>
assaying	<ul> <li>The use of twinned holes.</li> <li>Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.</li> </ul>	<ul> <li>These same procedures are being used for Savannah North.</li> <li>The practice of twinning holes is not employed at Savannah.</li> <li>Holes are logged into Excel templates on laptops. The data is then entered into a SQL server database via a DataShed front end. Data is then replicated to the Perth office. Data periodically validated by site personnel.</li> </ul>
Location of data points	<ul> <li>Discuss any adjustment to assay data.</li> <li>Accuracy and quality of surveys used to locate drill hole (collar and down-hole surveys), trenches, mine working and other locations used in Mineral Resource estimation</li> </ul>	s Total Station survey equipment by a registered surveyor.
	<ul> <li>Specification of the grid system used.</li> <li>Quality and adequacy of topographic control.</li> </ul>	<ul> <li>The mine grid is a truncated 4 digit (MGA94) grid system.</li> <li>Conversion from local grid to MGA GDA94 Zone 52 is calculated by applying truncated factor to local coords:         <ul> <li>E: +390000, N: +8080000N</li> </ul> </li> <li>Topographic control is well established, RL equals AHD +</li> </ul>
Data spacing and distribution	<ul> <li>Data spacing for reporting of Exploration Results.</li> <li>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.</li> <li>Whether sample compositing has been applied.</li> </ul>	2,000m.  When at an early stage of exploration, drill holes are spaced on a geological basis as opposed to a nominal drill hole spacing.  For the most part drilling is typically conducted on a regular spacing, sufficient to achieve the objectives of the drill programme  At this stage the spacing and quantum of drilling below the 900 Fault at Savannah and at Savannah North is insufficient to derive a Mineral Resource.  Sample compositing is not undertaken at SNM.
Orientation of data in relation to geological structure	<ul> <li>Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.</li> <li>If the relationship between the drilling orientation and th orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assess and reported if material.</li> </ul>	<ul> <li>The geometry of the Savannah and Savannah North mineralisation to most drill positions is nearly always oblique. For this reason all SNM drill results are reported as down-hole intersection lengths and not true widths.</li> <li>No orientation sampling bias has been identified.</li> </ul>
Sample security	The measures taken to ensure sample security.	<ul> <li>Samples transported to onsite lab by SNM staff. Samples sent off site are road freighted (Nexus transport) and tracked using spreadsheets onsite.</li> </ul>
Audits or reviews	The results of any audits or reviews of sampling techniques and data.	<ul> <li>No audits/reviews of the sampling techniques have been undertaken in recent time. The procedures used are considered to be industry standard. Mine to mill reconciliation records throughout the life of the SNM provides confidence in the sampling procedures.</li> </ul>





Savannah Project - Table 1, Section 2 - Reporting of Exploration Results

Criteria	JORC Code explanation	Commentary
Mineral tenement and land tenure status	<ul> <li>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.</li> <li>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.</li> </ul>	<ul> <li>The Savannah Nickel Mine (SNM) is an operating mine secured by five contiguous Mining Licences, ML's 80/179 to 80/183 inclusive. All tenure is current and in good standing. SNM has the right to explore for and mine all commodities within the mining tenements, being.</li> <li>SNM has all statutory approvals and licences in place to operate. The mine has a long standing off-take agreement to mine and deliver nickel sulphide concentrate to the Jinchuan Group in China.</li> </ul>
Exploration done by other parties	<ul> <li>Acknowledgment and appraisal of exploration by other parties.</li> </ul>	<ul> <li>Since commissioning in 2004, SNM has conducted all recent exploration on the mine tenements.</li> </ul>
Geology	Deposit type, geological setting and style of mineralisation.	<ul> <li>The SNM is based on mining ore associated with the Savannah Intrusion; a palaeo-proterozoic mafic/ultramafic magma conduit. The Ni-Cu-Co rich massive sulphide mineralisation occurs as "classic" magmatic breccias developed about the more primitive, MgO rich basal parts of the conduit.</li> </ul>
Drill hole Information	<ul> <li>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> <li>easting and northing of the drill hole collar</li> <li>elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar</li> <li>dip and azimuth of the hole</li> <li>down hole length and interception depth</li> <li>hole length.</li> </ul> </li> <li>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.</li> </ul>	<ul> <li>All exploration at SNM is conducted on the Savannah mine grid, which is a "4 digit" truncated MGA grid. Conversion from local to MGA GDA94 Zone 52 is calculated by applying truncated factor to local coords: E: +390000, N: +8080000. RL equals AHD + 2,000m</li> <li>Surface holes are generally cored from surface commencing with PQ, reducing to HQ and completed NQ2. RC precollars may also be used.</li> <li>Most underground holes are drilled NQ2 size. Some LTK60 holes have been routinely drilled in the past. Occasionally HQ and BQ size holes have been drilled for specific purposes.</li> <li>For hole details pertaining to this release including collar and setup details, see Tables within the body of the main release.</li> <li>The design and interpretation of EM surveys conducted at Savannah for Panoramic is undertaken by Newexco Services Pty Ltd in Perth.</li> </ul>
Data aggregation methods	<ul> <li>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.</li> <li>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.</li> <li>The assumptions used for any reporting of metal equivalent values should be clearly stated.</li> </ul>	<ul> <li>All assay intersections for the Savannah Project are reported based on a weighted average grade for the intersection using parameters of 0.5% Ni lower cut-off, SG, minimum reporting length of 1m and maximum internal waste of up to 7m.</li> <li>Cu and Co grades were determined by the defined Ni grade interval, ie they were not calculated independently.</li> </ul>
Relationship between mineralisation widths and intercept lengths	<ul> <li>These relationships are particularly important in the reporting of Exploration Results.</li> <li>If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.</li> <li>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').</li> </ul>	The geometry of the Savannah and Savannah North mineralisation to most drill positions is nearly always oblique. For this reason all drill results are always reported as down-hole intersection lengths and not true widths.
Diagrams	<ul> <li>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.</li> </ul>	Based on the limited level of data currently available for the Savannah Sub 900 Fault resource definition drill programme and the Savannah North Project area Panoramic believe that a simplified plan and sectional view showing the location of the exploration drill results in relation to the main areas of the SNM operation is appropriate.
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	Based on the fact that exploration results reported for the Savannah North Project to date are at an early stage, involving broadly spaced drill holes and EM survey data,



Criteria	JORC Code explanation	Commentary
	misleading reporting of Exploration Results.	(located well away from the mine), the report is considered to be sufficiently balanced.
Other substantive exploration data	<ul> <li>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.</li> </ul>	<ul> <li>No other exploration data is considered material to this release at this stage.</li> </ul>
Further work	<ul> <li>The nature and scale of planned further work (eg tests for lateral extensions or depth extensions or large-scale step-out drilling).</li> <li>Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.</li> </ul>	The exploration results reported herein form part of an ongoing exploration programme by Panoramic to explore the Savannah orebody at depth and the Savannah North Project area following the discovery of significant "Savannah Style" Ni-Cu-Co mineralisation at Savannah North in January 2014. Details of the Company's plans for the Savannah North Project were outline in ASX announcement dated 28 February 2014 and updated herein this document. Further results will be reported when they become available.

