

MINERAL RESOURCES AND ORE RESERVES AS AT 30 JUNE 2018

Summary

Panoramic Resources Limited (**ASX Code: PAN**) is pleased to announce the Group's Annual Mineral Resources and Ore Reserves Statement as at 30 June 2018, summarised in Table 1. There were no changes between FY2017 and FY2018. The detailed data by commodity and project are shown in Tables 3 to 5.

Table 1: Group summary of contained metal in Ore Reserves and Mineral Resources as at 30 June 2018 and comparison with 30 June 2017 (note – Mineral Resources include Ore Reserves).

Resource / Reserve	FY2018	FY2017	% Change y-o-y
Total Nickel Reserves	116,800 tonnes	116,800 tonnes	No change
Total Copper Reserves	52,400 tonnes	52,400 tonnes	No change
Total Cobalt Reserves	7,600 tonnes	7,600 tonnes	No change
Total Nickel Resources	313,600 tonnes	313,600 tonnes	No change
Total Copper Resources	99,100 tonnes	99,100 tonnes	No change
Total Cobalt Resources	14,900 tonnes	14,900 tonnes	No change
Total Platinum Resources	1.39 million ounces	1.39 million ounces	No change
Total Palladium Resources	1.46 million ounces	1.46 million ounces	No change

Assumptions

For the FY2018 Ore Reserve Review, the Company compiled current US\$ commodity price and US\$:A\$ foreign exchange rate forecasts over the medium term, from a range of external parties. The Company notes that the current US\$ commodity price forecasts are higher than the assumptions used for the 30 June 2016 Ore Reserves for Savannah and Lanfranchi and the February 2017 Ore Reserve for Savannah North, although the US\$:A\$ exchange rate is also higher. In A\$ terms, the nickel price assumption for the FY2018 Ore Reserve Review is materially unchanged from that used for the previous Ore Reserve estimates. Commodity prices and US\$:A\$ foreign exchanges rate used for Ore Reserve reporting are as shown in Table 2.

Table 2: Commodity price and US\$:A\$ exchange rate assumptions used for the 30 June 2018 Ore Reserves review.

Commodity	Units	2016 Ore Reserve Review	Feb 2017 Savannah North Ore Reserve	2018 Ore Reserve Review
Nickel	US\$/lb	6.00	6.00	6.20
Copper	US\$/lb	2.50	2.57	3.15
Cobalt	US\$/lb	11.83	14.42	31.00
US\$:A\$	A\$1 =	0.74	0.736	0.75
<i>Nickel</i>	<i>A\$/tonne</i>	<i>17,900</i>	<i>18,000</i>	<i>18,000</i>

Savannah Nickel Project (including Savannah North)

Mineral Resources at the Savannah Project (including Savannah North) as at 30 June 2018 are 13.2 million tonnes at 1.65% Ni, 0.75% Cu and 0.11% Co for 218,300 tonnes contained nickel, 99,100 tonnes contained copper and 14,900 tonnes contained cobalt (Table 3). Mineral Resources are inclusive of Ore Reserves. There were no changes in Savannah Mineral Resources during FY2018.

At the Savannah Project, Ore Reserves as at 30 June 2018 are 8.21 million tonnes at 1.37% Ni, 0.64% Cu and 0.09% Co for 112,600 tonnes contained nickel, 52,400 tonnes contained copper and 7,600 tonnes contained cobalt (Table 4). There were no changes in nickel Ore Reserves during FY2018.

As Savannah remained on care and maintenance during FY2018 and Savannah North remains undeveloped, there was no mining depletion during the preceding 12 months. **On 16 July 2018, the Company announced that the Panoramic Board had formally approved the restart of operations at Savannah** (refer to the Company's ASX announcement of 16 July 2018). The restart plan is based on the October 2017 Updated Savannah Feasibility Study (refer to the Company's ASX announcement of 27 October 2017), which used more conservative commodity price and US\$:A\$ FX assumptions than used for the previously reported Savannah and Savannah North Ore Reserves (refer to the Company's ASX announcements of 30 September 2016 and 2 February 2017). In the October 2017 Updated Savannah Feasibility Study, some lower-grade material included in Savannah North Ore Reserves is excluded from the production target. At the commodity price and exchange rate assumptions used for Ore Reserve reporting, the mine plan incorporating this lower-grade material is economic. Accordingly, the Company has formed the view that no adjustments as at 30 June 2018 to previously reported Ore Reserves are required.

Lanfranchi Nickel Project

Mineral Resources at Lanfranchi as at 30 June 2018 are 5.65 million tonnes at 1.69% Ni for 95,500 tonnes contained nickel (Table 3). Mineral Resources are inclusive of Ore Reserves. There were no changes to Lanfranchi Mineral Resources during FY2018.

At Lanfranchi, Ore Reserves as at 30 June 2018 are 0.21 million tonnes at 2.03% Ni for 4,200 tonnes contained nickel (Table 4). As Lanfranchi remained on care and maintenance during FY2018, there was no mining depletion during the preceding 12 months. There were no other changes to Lanfranchi Ore Reserves during FY2018.

Subsequent to the end of the financial year, the Company entered into an agreement to sell the Lanfranchi Project to Texas-based Black Mountain Metals LLC for a total cash consideration of A\$15.1 million (refer to the Company's ASX announcement of 13 September 2018). The sale is expected to be completed during the December 2018 quarter.

Panton Platinum-Palladium Project

Mineral Resources at Panton as at 30 June 2018 are 14.3 million tonnes at 2.19g/t Pt and 2.39g/t Pd for 1.01 million ounces contained platinum and 1.10 million ounces contained palladium (Table 5). There were no changes to Panton Resources during FY2018.

Thunder Bay North Platinum-Palladium Project

Mineral Resources at Thunder Bay North as at 30 June 2018 are 10.4 million tonnes at 1.13g/t Pt and 1.07g/t Pd for 377,000 ounces contained platinum and 355,000 ounces contained palladium (Table 5). There were no changes to Thunder Bay North Resources during FY2018. Rio Tinto Exploration Canada Inc. (RTEC) has the right to earn up to 70% in the Thunder Bay North Project by spending C\$20 million over five years.

Gum Creek Gold Project

The Gum Creek Gold Project's Mineral Resources of 1.25 million ounces of gold are now no longer included in the Group Mineral Resources Statement due to the divestment of the Company's interest in the Project via an IPO of Horizon Gold Limited (ASX:HRN), which listed on the ASX on 21 December 2016. Under the terms of the IPO, the Company retains a 51% ownership in HRN, but holds no direct equity interest in Gum Creek.

Competent Person's Statement

The Annual Mineral Resources and Ore Reserves Statement has been compiled by Mr John Hicks. Mr Hicks is General Manager Exploration, is a full-time employee of Panoramic Resources Limited, and is also a shareholder and holder of performance rights in relation to Panoramic Resources Limited. Mr Hicks is a member of the Australasian Institute of Mining and Metallurgy (AusIMM). Mr Hicks has sufficient experience that is relevant to the styles of mineralisation and types of deposits 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 of the material in this report in the form and context in which it appears.

No New Information or Data

The Annual Mineral Resources and Ore Reserves Statement contains references to Mineral Resource and Ore Reserve estimates, all of which have been cross referenced to previous market announcements made by the Company. The Company confirms that it is not aware of any new information or data that materially affects the information included in the relevant market announcements and, in the case of estimates of Mineral Resources and Ore Reserves, that all material assumptions and technical parameters underpinning the estimates in the relevant market announcements continue to apply and have not materially changed.

TABLE 3: NICKEL - COPPER - COBALT MINERAL RESOURCES AS AT 30 JUNE 2018

Resource	Equity	Metal	JORC Compliance	Measured		Indicated		Inferred		Total		Metal Tonnes
				Tonnes	(%)	Tonnes	(%)	Tonnes	(%)	Tonnes	(%)	
Savannah Project												
Savannah (above 900)	100%	Nickel	2012	1,275,000	1.51	759,000	1.20	-	-	2,034,000	1.39	28,300
		Copper			0.87		0.90		-		0.88	17,900
		Cobalt			0.07		0.07		-		0.07	1,400
Savannah (below 900)	100%	Nickel	2012	780,000	1.64	125,000	1.72	-	-	905,000	1.65	14,900
		Copper			0.76		0.75		-		0.76	6,900
		Cobalt			0.10		0.09		-		0.10	900
Savannah North (Upper)	100%	Nickel	2012	-	-	4,229,000	1.64	1,759,000	1.25	5,987,000	1.53	91,300
		Copper			-		0.65		0.49		0.60	36,100
		Cobalt			-		0.12		0.10		0.11	6,800
Savannah North (Lower)	100%	Nickel	2012	-	-	2,697,000	1.96	853,000	2.02	3,549,000	1.97	70,100
		Copper			-		0.98		0.93		0.97	34,400
		Cobalt			-		0.14		0.13		0.14	4,900
Savannah North (Other)	100%	Nickel	2012	-	-	242,000	2.22	493,000	1.67	735,000	1.85	13,600
		Copper			-		0.50		0.53		0.52	3,800
		Cobalt			-		0.14		0.11		0.12	900
Lanfranchi Project												
Cruikshank	100%	Nickel	2004	-	-	2,018,000	1.42	611,000	0.79	2,629,000	1.28	33,600
Deacon	100%	Nickel	2012	89,000	2.99	-	-	134,000	1.70	224,000	2.22	5,000
Gigantus	100%	Nickel	2004	-	-	-	-	652,000	1.63	652,000	1.63	10,600
Helmut South Ext	100%	Nickel	2012	21,000	4.54	29,000	2.87	-	-	50,000	3.59	1,800
John	100%	Nickel	2004	-	-	-	-	291,000	1.42	291,000	1.42	4,100
Lanfranchi	100%	Nickel	2012	40,000	4.12	55,000	4.40	63,000	3.49	158,000	3.97	6,300
Martin	100%	Nickel	2012	-	-	47,000	3.58	7,000	4.16	54,000	3.66	2,000
McComish	100%	Nickel	2004	-	-	-	-	992,000	1.49	992,000	1.49	14,800
Metcalfe	100%	Nickel	2012	-	-	280,000	1.99	111,000	1.35	391,000	1.81	7,100
Schmitz	100%	Nickel	2012	30,000	4.92	23,000	3.93	16,000	2.95	69,000	4.14	2,900
Lower Schmitz	100%	Nickel	2012	-	-	51,000	5.60	79,000	4.80	131,000	5.11	6,700
Winner	100%	Nickel	2004	-	-	14,000	4.40	-	-	14,000	4.40	600
Total (Equity)		Nickel										313,600
		Copper										99,100
		Cobalt										14,900

Notes:

- Figures have been rounded and therefore may not add up exactly to the reported totals
- All resources are inclusive of reserves
- Savannah Project Resource cutoff grade is 0.50% Ni
- Lanfranchi Project Resource cutoff grade is 1.00% Ni

Cross references to previous Company ASX announcements:

- Savannah (above 900) - refer to ASX announcement of 30 September 2016, titled "Mineral Resources and Ore Reserves at 30 June 2016"
- Savannah (below 900) - refer to ASX announcement of 30 September 2015, titled "Mineral Resources and Ore Reserves at 30 June 2015"
- Savannah North – refer to ASX announcement of 24 August 2016, titled "Major Resource Upgrade for Savannah North"
- Cruickshank - refer to ASX announcement of 28 April 2011, titled "Cruickshank Resource Upgraded 26% to 33,560t Ni"
- Deacon, Helmut South Ext, Lanfranchi, Metcalfe - refer to ASX announcement of 30 September 2016, titled "Mineral Resources and Ore Reserves at 30 June 2016"
- Gigantus, John, McComish, Winner - refer to ASX announcement of 12 October 2011, titled "Business Review 2011"
- Martin - refer to ASX announcement of 13 September 2013, titled "Resources and Reserves at 30 June 2013 and Exploration Update"
- Schmitz - refer to ASX announcement of 30 September 2015, titled "Mineral Resources and Ore Reserves at 30 June 2015"
- Lower Schmitz - refer to ASX announcement of 28 April 2016, titled "Quarterly Report for the period ending 31 March 2016"

No New Information or Data

The Mineral Resource estimates tabled above have been previously reported, and the relevant market announcements cross referenced. The Company confirms that it is not aware of any new information or data that materially affects the information included in the relevant market announcements and, in the case of estimates of Mineral Resources, that all material assumptions and technical parameters underpinning the estimates in the relevant market announcement continue to apply and have not materially changed.

TABLE 4: NICKEL - COPPER - COBALT ORE RESERVES AS AT 30 JUNE 2018

Reserve	Equity	Metal	JORC Compliance	Proven		Probable		Total		Metal Tonnes
				Tonnes	(%)	Tonnes	(%)	Tonnes	(%)	
Savannah Project										
Above 900 Fault	100%	Nickel	2012	1,365,000	1.15	194,000	1.24	1,558,000	1.16	18,100
		Copper			0.66		1.28		0.74	11,500
		Cobalt			0.06		0.07		0.06	900
Savannah North	100%	Nickel	2012	-	-	6,650,000	1.24	6,650,000	1.42	94,500
		Copper			-		1.28		0.61	40,900
		Cobalt			-		0.10		0.10	6,700
Lanfranchi Project										
Deacon	100%	Nickel	2012			42,000	2.67	42,000	2.67	1,100
Metcalfe	100%	Nickel	2012			113,000	1.57	113,000	1.57	1,800
Lanfranchi	100%	Nickel	2012			11,000	2.56	11,000	2.56	300
Schmitz	100%	Nickel	2012			15,000	2.96	15,000	2.96	500
Helmut Sth Ext	100%	Nickel	2012			27,000	2.19	27,000	2.19	600
Total (Equity)		Nickel								116,800
		Copper								52,400
		Cobalt								7,600

Notes:

- Figures have been rounded and therefore may not add up exactly to the reported totals
- Savannah Project Reserve cutoff grade is 0.80% Ni
- Lanfranchi Project Reserve cutoff grade is 1.00% Ni except for airleg mining which is 2.00% Ni

Cross references to previous Company ASX announcements:

- refer to ASX announcement of 30 September 2016, titled "Mineral Resources and Ore Reserves at 30 June 2016"
- refer to ASX announcement of 2 February 2017, titled "Savannah Feasibility Study. Ten year life with minimal restart capital requirements"

No New Information or Data

The Nickel Ore Reserve estimates tabled above have been previously reported, and the relevant market announcements cross referenced. The Company confirms that it is not aware of any new information or data that materially affects the information included in the relevant market announcements and, in the case of the estimates of Ore Reserves, that all material assumptions and technical parameters underpinning the estimates in the relevant market announcements continue to apply and have not materially changed

TABLE 5: PLATINUM GROUP METALS (PGM) - MINERAL RESOURCES AS AT 30 JUNE 2018

Resource	Equity	JORC Compliance	Tonnage	Grade									Contained Metal	
				Pt (g/t)	Pd (g/t)	Rh (g/t)	Au (g/t)	Ag (g/t)	Cu (%)	Ni (%)	Co %	Pt-Eq (g/t)	Pt (oz ,000)	Pd (oz ,000)
Thunder Bay North														
Open Pit	100%	2004												
Indicated			8,460,000	1.04	0.98	0.04	0.07	1.50	0.25	0.18	0.014	2.13	283	267
Inferred			53,000	0.96	0.89	0.04	0.07	1.60	0.22	0.18	0.014	2.00	2	2
Underground	100%	2004												
Indicated			1,369,000	1.65	1.54	0.08	0.11	2.60	0.43	0.24	0.016	3.67	73	68
Inferred			472,000	1.32	1.25	0.06	0.09	2.10	0.36	0.19	0.011	2.97	20	19
Sub-total – Thunder Bay North (Equity)			10,354,000	1.13	1.07								377	355
Panton														
Top Reef	100%	2012												
Measured			4,400,000	2.46	2.83	-	0.42	-	0.08	0.28	-	-	348	400
Indicated			4,130,000	2.73	3.21	-	0.38	-	0.09	0.31	-	-	363	426
Inferred			1,560,000	2.10	2.35	-	0.38	-	0.13	0.36	-	-	105	118
Middle Reef	100%	2012												
Measured			2,130,000	1.36	1.09	-	0.10	-	0.03	0.18	-	-	93	75
Indicated			1,500,000	1.56	1.28	-	0.10	-	0.04	0.19	-	-	75	62
Inferred			600,000	1.22	1.07	-	0.10	-	0.05	0.19	-	-	24	21
Sub-total – Panton (Equity)			14,320,000	2.19	2.39								1,008	1,102
Total - PGM (Equity)													1,385	1,456

Notes

Thunder Bay North Open Pit Resource: The open pit Mineral Resource is reported at a cut-off grade of 0.59 g/t Pt-Eq within a Lerchs-Grossman resource pit shell optimized on Pt-Eq. The strip ratio (waste:ore) of this pit is 9.5:1. The platinum-equivalency formula is based on assumed metal prices and overall recoveries. The Pt-Eq formula is: $Pt-Eq\ g/t = Pt\ g/t + Pd\ g/t \times 0.3204 + Au\ g/t \times 0.6379 + Ag\ g/t \times 0.0062 + Cu\ g/t \times 0.00011 + Total\ Ni\ g/t \times 0.000195 + Total\ Co\ g/t \times 0.000124 + Rh\ g/t \times 2.1816$. The conversion factor shown in the formula for each metal represents the conversion from each metal to platinum on a recovered value basis. The assumed metal prices used in the Pt-Eq formula are: Pt US\$1,595/oz, Pd US\$512/oz, Au US\$1,015/oz, Ag US\$15.74/oz, Cu US\$2.20/lb, Ni US\$7.71/lb, Co US\$7.71/lb and Rh US\$3,479/oz. The assumed combined flotation and Platsol™ process recoveries used in the Pt-Eq formula are: Pt 76%, Pd 75%, Au 76%, Ag 55%, Cu 86%, Ni 44%, Co 28% and Rh 76%. The assumed refinery payables are: Pt 98%, Pd 98%, Au 97%, Ag 85%, Cu 100%, Ni 100%, Co 100% and Rh 98%.

Thunder Bay North Underground Resource: The underground mineral resource is reported at a cut-off grade of 1.94g/t Pt-Eq. The Pt-Eq formula is: $Pt-Eq\ g/t = Pt\ g/t + Pd\ g/t \times 0.2721 + Au\ g/t \times 0.3968 + Ag\ g/t \times 0.0084 + Cu\ g/t \times 0.000118 + Sulphide\ Ni\ g/t \times 0.000433 + Sulphide\ Co\ g/t \times 0.000428 + Rh\ g/t \times 2.7211$. The assumed metal prices used in the Pt-Eq formula are: Pt US\$1,470/oz, Pd US\$400/oz, Rh US\$4,000/oz, Au US\$875/oz, Ag US\$14.30/oz, Cu US\$2.10/lb, Ni US\$7.30/lb and Co US\$13.00/lb. The assumed process recoveries used in the Pt-Eq formula are: Pt 75%, Pd 75%, Rh 75%, Au 50%, Ag 50%, Cu 90%, and Ni and Co in sulphide 90%. The assumed smelter recoveries used in the Pt-Eq formula are Pt 85%, Pd 85%, Rh 85%, Au 85%, Ag 85%, Cu 85%, Ni 90% and Co 50%. Ni and Co in sulphide were estimated by linear regression of MgO to total Ni and total Co respectively. The regression formula for Ni in sulphide (NiSx) is: $NiSx = Ni - (MgO\% \times 60.35 - 551.43)$. The regression formula for Co in sulphide (CoSx) is: $CoSx = Co - (MgO\% \times 4.45 - 9.25)$.

Cross references to previous ASX announcements:

- Thunder Bay North Open Pit Resources – refer to Magma Metals Limited (ASX:MMW) announcement of 7 February 2011, titled “Positive Scoping Study for Thunder Bay North Project”
- Thunder Bay North Underground Resources – refer to Magma Metals Limited (ASX:MMW) announcement of 23 February 2012, titled “Magma Metals Increases Mineral Resources at TBN to 790,000 Platinum-Equivalent Ounces”
- Panton - refer to the Company’s ASX announcement of 30 September 2015, titled “Mineral Resources and Ore Reserves at 30 June 2015”

No New Information or Data

The Mineral Resource estimates tabled above have been previously reported, and the relevant market announcements cross referenced. The Company confirms that it is not aware of any new information or data that materially affects the information included in the relevant market announcements and, in the case of estimates of Mineral Resources, that all material assumptions and technical parameters underpinning the estimates in the relevant market announcement continue to apply and have not materially changed.