

SUMMARY MINERAL RESOURCES AND MINERAL RESERVES REPORT

A Mineral Resources and Mineral Reserves Report is issued annually to inform shareholders and potential investors of the mineral assets held by African Rainbow Minerals Limited (ARM).

 It is available in full on www.arm.co.za under the Mineral Resources and Mineral Reserves section.

Below is a summary of ARM's Mineral Resources and Mineral Reserves for 2018, details of which are in a separately published 2018 ARM Mineral Resources and Mineral Reserves Report.

General statement

ARM's method of reporting Mineral Resources and Mineral Reserves complies with the South African Code for Reporting of Exploration Results, Mineral Resources and Mineral Reserves (SAMREC Code) of 2016.

 The definitions of Mineral Resources and Mineral Reserves are summarised in the extended report on www.arm.co.za.

The convention adopted in this report is that the Measured and Indicated Mineral Resources estimates are reported inclusive of that portion converted to a Mineral Reserve. Inferred Mineral Resources have not been included in feasibility studies or Life of Mine Plans. Mineral Resources and Mineral Reserves estimates are quoted as at 30 June 2018.

Underground Mineral Resources are *in situ* tonnages at the postulated mining width, after deductions for geological losses. Underground Mineral Reserves reflect tonnages that will be mined and processed while surface Mineral Reserves consist of stockpiles already mined and ready for processing. Both are quoted at the grade fed to the plant. Open pit Mineral Resources are quoted as *in situ* tonnages and Mineral Reserves are tonnages falling within an economic pit-shell.


The Mineral Resources and Mineral Reserves are reported on a 100% basis and the attributable interest is noted as footnotes on the tabulations. Maps, plans and reports supporting Mineral Resources and Mineral Reserves are available for inspection at ARM's registered office and at the relevant mines.

Rounding of figures may result in computational discrepancies on the Mineral Resources and Mineral Reserves tabulations.

Competence

The Competent Person with overall responsibility for the compilation of the 2018 Mineral Resources and Mineral Reserves Report is Shepherd Kadzviti (Pr.Sci.Nat.), an ARM employee. He confirms that the information in this report complies with the SAMREC Code (2016) and that it may be published in the form and context in which it was intended. He is registered with the South African Council for Natural Scientific Professions (SACNASP) as a Professional Natural Scientist (Pr.Sci.Nat.) in the field of practice of geological science (registration number 400164/05), and has more than 28 years' experience, and as such is considered to be a Competent Person. SACNASP is based in the Management Enterprise Building, Mark Shuttleworth Street, Innovation Hub, Pretoria, 0087, South Africa.

All Competent Persons at the ARM Corporate office and operations have sufficient relevant experience in the type of deposit and in the activity for which they have taken responsibility.

 Details of all Competent Persons are provided in the 2018 web-version ARM Mineral Resources and Mineral Reserves Report at www.arm.co.za, and their certificates of competence are available from the Company Secretary on written request.

The following Competent Persons were involved in the estimation and/or compilation of Mineral Resources and Mineral Reserves. They are employed by ARM or its subsidiaries and/or joint venture (JV) partners:

ARM Corporate office:	G C Schlegel, M Mabuza, V Moyo, R Jooste
PGM (Two Rivers Mine):	M W Cowell, J Z Khumalo, J A Coetzee
PGM (Modikwa Mine):	J de Kock, I Colquhoun (Anglo American Platinum)
Nickel (Nkomati Mine):	N Strydom, D S Mathebula
Manganese (Black Rock Mine):	B Ruzive, J Smuts
Iron ore (Beeshoek Mine):	A M J Burger, R Jooste
Iron ore (Khumani Mine):	M A Burger, I J M v Niekerk
Coal (Goedgevoonden):	M Smith (Glencore Head-office)

Shepherd Kadzviti (Pr.Sci.Nat.)
Group Mineral Resources Manager
African Rainbow Minerals
24 Impala Road, Chislehurst,
Sandton, South Africa.

29 October 2018

SALIENT FEATURES FOR F2018



ARM PLATINUM

Two Rivers Mine

UG2 Reef Measured and Indicated Mineral Resources at Two Rivers Platinum Mine increased from 77.27 million tonnes at 5.31 g/t (6E) to 93.17 million tonnes at 5.61 g/t (6E) mainly due to the inclusion of Kalkfontein 367 KT Remaining Extent. In F2017, Kalkfontein 367 KT Remaining Extent Mineral Resources were reported in a separate section under Tamboti Platinum. In F2018, with the transfer of the property from ARM to Two Rivers Mine completed, the 367 KT Remaining Extent is now reported as part of Two Rivers Mine.

Mineral Reserves for the UG2 Reef also increased from 33.25 million tonnes at 3.47 g/t (6E) to 70.98 million tonnes at 3.50 g/t (6E) due to the incorporation of Kalkfontein 367 KT Remaining Extent which made it possible to convert part of the Measured and Indicated Mineral Resources in Kalkfontein 367 KT Remaining Extent and Kalkfontein 367 KT Portion 1.

Nkomati Mine

Mineral Reserves decreased from 88.63 million tonnes at 0.31% Ni to 83.56 million tonnes at 0.31% Ni mainly due to depletion by mining production.

Modikwa Mine

The UG2 Reef Mineral Reserves marginally changed from 42.21 million tonnes at 4.82 g/t (4E) to 42.27 million tonnes at 4.62 g/t (4E). The decrease in grade is a result of revised modifying factors attributable to an increase in footwall and hanging wall dilution.

Black Rock Mine

The Measured and Indicated Mineral Resources for Nchwaning Mine Seam 2 decreased from 198.73 million tonnes at 42.30% Mn to 172.24 million tonnes at 42.36% Mn due to mining depletion and re-modelling of the Mineral Resources which resulted in reduced thickness of the seam on both the eastern and western margins of the ore body. Insignificant changes to Mineral Reserves attributable to mining production and Mineral Reserves model updates were noted for Nchwaning Mine Seams 1 and 2 as well as Gloria Seam 1.

Khumani Mine

An Inferred Mineral Resource of 25.02 million tonnes at 63.53% Fe for Mokaning South was added to the Mineral Resources for Khumani Mine after geological modelling and Mineral Resource estimation of the Mokaning South ore body.

Beeshoek Mine

Mineral Reserves for Beeshoek Mine decreased from 43.73 million tonnes at 64.71% Fe to 35.14 million tonnes at 64.85% Fe due to mining production and updates of the Mineral Reserve models for BN and Village Pits.

ARM FERROUS



ARM COAL



Goedgevonden Mine

Coal Reserves (ROM) decreased by 3% to 293 million tonnes mainly due to mining depletion of 9 million tonnes.

SUMMARY MINERAL RESOURCES AND MINERAL RESERVES continued**F2018 MINERAL RESOURCES AND MINERAL RESERVES SUMMARY****ARM PLATINUM OPERATIONS****PLATINUM GROUP ELEMENTS**

* Mineral Resources and Mineral Reserves are reported on a 100% basis.	Mineral Resources								Mineral Reserves						
	Measured		Indicated		Measured and Indicated		Inferred		Proved		Probable		Total Reserves		
	Mt	Grade g/t	Mt	Grade g/t	Mt	Grade g/t	Mt	Grade g/t	Mt	Grade g/t	Mt	Grade g/t	Mt	Grade g/t	Moz
Two Rivers Mine															
2018 UG2 (grade reported as 6E)	13.11	5.50	80.06	5.63	93.17	5.61	80.39	5.69	8.29	3.61	62.68	3.49	70.98	3.50	8.00
2017 UG2 (grade reported as 6E)	15.22	5.42	62.05	5.28	77.27	5.31	80.64	5.60	10.72	3.64	22.53	3.39	33.25	3.47	3.71
2018 Merensky (grade reported as 6E)			74.96	3.34	74.96	3.34	104.69	3.90							
2017 Merensky (grade reported as 6E)			60.57	3.11	60.57	3.11	99.19	3.92							
Modikwa Mine															
2018 UG2 (grade reported as 4E)	87.10	5.96	103.30	5.93	190.40	5.95	77.80	6.22	11.49	4.70	30.78	4.59	42.27	4.62	6.27
2017 UG2 (grade reported as 4E)	87.30	5.95	102.20	5.92	189.50	5.93	76.50	6.21	12.34	4.95	29.88	4.76	42.21	4.82	6.54
2018 Merensky (grade reported as 4E)	18.54	2.93	55.73	2.72	74.27	2.78	138.59	2.65							
2017 Merensky (grade reported as 4E)	18.54	2.93	55.73	2.72	74.27	2.78	138.59	2.65							
Kalplats PGM Prospect															
2018 (grade reported as 3E)	14.04	1.59	55.88	1.46	69.91	1.48	67.44	1.57							
2017 (grade reported as 3E)	14.04	1.59	55.88	1.46	69.91	1.48	67.44	1.57							

6E = platinum + palladium + rhodium + iridium + ruthenium + gold.

4E = platinum + palladium + rhodium + gold.

3E = platinum + palladium + gold.

The Mineral Resources are **inclusive** of those modified to produce Mineral Reserves.

* **Two Rivers Platinum Mine attributable interests (ARM 54%; Impala Platinum 46%).**

* **Modikwa Platinum Mine attributable interests (ARM 41.5%; Modikwa Communities 8.5%; Anglo American Platinum 50%).**

* **Kalplats PGM Prospect attributable interests (ARM 46%; Stella Platinum 44%; Anglo American Prospecting Services 10%).**

NICKEL

* Mineral Resources and Mineral Reserves are reported on a 100% basis.	Mineral Resources								Mineral Reserves					
	Measured		Indicated		(Measured and Indicated)		Inferred		Proved		Probable		Total Reserves	
	Mt	Ni%	Mt	Ni%	Mt	Ni%	Mt	Ni%	Mt	Ni%	Mt	Ni%	Mt	Ni%
Nkomati Mine														
2018 MMZ+ PCMZ	78.11	0.33	94.09	0.37	172.20	0.35	46.35	0.40	53.12	0.30	30.45	0.33	83.56	0.31
2017 MMZ+PCMZ	85.91	0.32	96.50	0.37	182.41	0.35	46.35	0.40	58.22	0.30	30.42	0.33	88.63	0.31
2018 MMZ Stockpiles									0.12	0.45			0.12	0.45
2017 MMZ Stockpiles									0.32	0.44			0.32	0.44
2018 PCMZ Stockpiles									0.77	0.18			0.77	0.18
2017 PCMZ Stockpiles									0.88	0.18			0.88	0.18

The Mineral Resources are **inclusive** of those modified to produce Mineral Reserves.

MMZ – Main Mineralised Zone; **PCMZ** – Chromitic Peridotite Mineralised Zone.

Nkomati Mine MMZ Mineral Resources and Mineral Reserves also contain Cu, Co, and PGEs – details available in the detailed 2018 Mineral Resources and Mineral Reserves Report.

Nkomati Mine PCMZ Mineral Resources and Mineral Reserves also contain Cu, Co, PGEs and Cr₂O₃ – details available in the detailed 2018 Mineral Resources and Mineral Reserves Report.

* **Nkomati Mine attributable interests (ARM 50%; Norilsk Nickel Africa (Pty) Ltd 50%).**

CHROME

* Mineral Resources and Mineral Reserves are reported on a 100% basis.	Mineral Resources						Mineral Reserves						
	Measured		Indicated		(Measured and Indicated)		Proved		Probable		Total Reserves		
	Mt	Cr ₂ O ₃ %	Mt	Cr ₂ O ₃ %	Mt	Cr ₂ O ₃ %	Mt	Cr ₂ O ₃ %	Mt	Cr ₂ O ₃ %	Mt	Cr ₂ O ₃ %	
Nkomati Mine													
2018 Oxidised Massive Chromitite	0.13	26.45			0.13	26.45	0.05	25.87	0.06	21.61	0.11	23.55	
2017 Oxidised Massive Chromitite	0.13	25.40			0.13	25.40	0.06	25.60	0.06	21.61	0.12	23.61	
2018 Un-oxidised Massive Chromitite	6.07	28.33			6.07	28.33	0.66	17.23	0.55	19.83	1.21	18.41	
2017 Un-oxidised Massive Chromitite	6.16	28.98			6.16	28.98	0.76	17.48	0.56	19.79	1.32	18.46	
2018 Chromite Stockpiles							2.10	19.18			2.10	19.18	
2017 Chromite Stockpiles							2.33	19.25			2.33	19.25	

The Mineral Resources are **inclusive** of those modified to produce Mineral Reserves.

* **Nkomati Mine attributable interests (ARM 50%; Norilsk Nickel Africa (Pty) Ltd 50%).**

SUMMARY MINERAL RESOURCES AND MINERAL RESERVES continued**ARM FERROUS OPERATIONS****MANGANESE**

* Mineral Resources and Mineral Reserves are reported on a 100% basis.	Mineral Resources								Mineral Reserves					
	Measured		Indicated		(Measured and Indicated)		Inferred		Proved		Probable		Total Reserves	
	Mt	Mn%	Mt	Mn%	Mt	Mn%	Mt	Mn%	Mt	Mn%	Mt	Mn%	Mt	Mn%
Black Rock Mine (Nchwaning Mine)														
2018 Seam 1	75.70	44.61	52.35	40.78	128.05	43.04			35.31	44.30	37.87	42.30	73.17	43.26
2017 Seam 1	73.22	44.60	62.40	41.80	135.62	43.30			29.00	45.30	47.20	46.40	76.20	46.00
2018 Seam 2	97.38	42.57	74.86	42.09	172.24	42.36			69.36	42.52	33.83	42.62	103.19	42.55
2017 Seam 2	108.90	42.50	89.83	42.10	198.73	42.30			66.40	42.70	37.40	43.20	103.80	42.90
Black Rock (Koppie area)														
2018 Seam 1	9.03	40.30	34.57	40.70	43.60	40.60								
2017 Seam 1	9.03	40.30	34.57	40.70	43.60	40.60								
2018 Seam 2	8.23	37.40	18.58	39.20	26.81	38.60								
2017 Seam 2	8.23	37.40	18.58	39.20	26.81	38.60								
Black Rock Mine (Gloria Mine)														
2018 Seam 1	64.32	37.45	92.93	37.69	157.25	37.59	31.87	37.11	49.62	37.51	74.31	37.91	123.93	37.75
2017 Seam 1	63.90	37.40	93.83	37.70	157.73	37.60	31.50	37.00	43.20	37.30	75.00	37.60	118.20	37.50
2018 Seam 2			34.81	28.41	34.81	28.41	133.46	30.03						
2017 Seam 2			34.81	28.40	34.81	28.40	133.46	30.00						

The Mineral Resources are **inclusive** of those modified to produce Mineral Reserves.

* **Black Rock Manganese Mine attributable interests (ARM 50%; Assore 50%).**

IRON ORE

* Mineral Resources and Mineral Reserves are reported on a 100% basis.	Mineral Resources								Mineral Reserves					
	Measured		Indicated		(Measured and Indicated)		Inferred		Proved		Probable		Total Reserves	
	Mt	Fe%	Mt	Fe%	Mt	Fe%	Mt	Fe%	Mt	Fe%	Mt	Fe%	Mt	Fe%
Beeshoek Mine														
2018 All pits	95.10	64.16	2.54	63.22	97.64	64.14	3.55	60.80	35.13	64.85	0.01	63.18	35.14	64.85
2017 All pits	94.50	64.09	9.62	63.81	104.12	64.07	2.55	60.04	39.88	64.79	3.85	63.95	43.73	64.71
2018 Stockpiles											2.83	55.58	2.83	55.58
2017 Stockpiles											4.97	55.49	4.97	55.49
Khumani Mine														
2018 Bruce and King/Mokaning	442.99	62.95	108.00	63.23	550.99	63.00	59.49	61.73	369.16	62.12	77.97	62.79	447.13	62.24
2017 Bruce and King/Mokaning	480.36	62.54	138.65	62.53	619.01	62.53	40.35	59.66	361.80	62.18	89.70	62.06	451.50	62.15
2018 Stockpiles											5.01	55.08	5.01	55.08
2017 Stockpiles											3.90	55.22	3.90	55.22

The Mineral Resources are **inclusive** of those modified to produce Mineral Reserves.

* **Iron ore operations attributable interests (ARM 50%; Assore 50%).**

ARM COAL OPERATIONS

COAL

* Coal Resources and Coal Reserves are reported on a 100% basis.	Coal Resources								Coal Reserves (ROM)				Coal Reserves (Saleable)								
	Measured		Indicated		(Measured and Indicated)		Inferred		Proved		Probable		Total Reserves		Proved		Probable		Total Reserves		
	Mt	CV (MJ/kg)	Mt	CV (MJ/kg)	Mt	CV (MJ/kg)	Mt	CV (MJ/kg)	Mt	CV (MJ/kg)	Mt	CV (MJ/kg)	Mt	CV	Mt	CV	Mt	CV	Mt	CV	
Goedgevonden Coal Mine																					
2018 (Coal Resources Reported as MTIS**)	515	19.85	7	21.45	522	19.87	1	14.45	283	19.57	10	19.57	293	19.57	175	^	5	^	180	^	
2017 (Coal Resources Reported as GTIS***)	540	19.73	13	21.45	553	19.77			290	19.57	11	19.57	301	19.57	180	^^	6	^^	186	^	

The Coal Resources are **inclusive** of those modified to produce Coal Reserves.

** Mineable Tonnes In Situ (MTIS) Coal Resources are now reported as per SAMREC Code of 2016 requirements. MTIS not reported in 2017.

*** Gross Tonnes In Situ (GTIS) Coal Resources were reported in 2017.

^ 2018 [HG Export (79 Mt; CV 6 000 Kcal/kg)] and [LG Export (101 Mt; CV 21.50 MJ/kg)].

^^ 2017 [HG Export (84 Mt; CV 6 000 Kcal/kg)] and [LG Export (102 Mt; CV 21.50 MJ/kg)].

* Goedgevonden Coal Mine attributable interests (ARM 26%; Glencore Operations 74%).

GOLD: HARMONY

ARM owns 14.6%* of Harmony's issued share capital. Harmony is separately run by its own management team. Mineral Resources and Reserves of the Harmony mines are the responsibility of the Harmony team and are published in Harmony's Annual Report.

* As at 30 June 2018, ARM's shareholding in Harmony was 12.70%. On 17 July 2018, ARM subscribed to approximately 11 million Harmony shares increasing ARM's shareholding to 14.6%.