

SA CONSOLIDATED GOLD AND URANIUM MINERAL RESOURCES AND MINERAL RESERVES STATEMENT

Classified gold Mineral Resources and Mineral Reserves statement as at 31 December 2018

OPERATIONS	Mineral Resources				OPERATIONS	Mineral Reserves			
	2018			2017		2018			2017
	Tonnes (Mt)	Grade (g/t)	Gold (Moz)	Gold (Moz)		Tonnes (Mt)	Grade (g/t)	Gold (Moz)	Gold (Moz)
Underground					Underground				
Beatrix					Beatrix				
Measured	17.2	7.2	4.003	5.394	Proved	7.1	4.2	0.960	0.933
Indicated ³	21.6	4.9	3.433	2.310	Probable	3.3	2.1	0.227	1.152
Inferred	0.0	3.3	0.004	0.004					
Beatrix – total	38.8	6.0	7.440	7.708	Beatrix – total	10.5	3.5	1.187	2.086
Driefontein					Driefontein				
Measured	11.9	14.1	5.386	8.126	Proved	7.4	7.4	1.760	3.602
Indicated	13.9	10.6	4.732	2.897	Probable	6.3	7.6	1.542	1.670
Inferred				0.005					
Driefontein – total	25.8	12.2	10.118	11.029	Driefontein – total	13.7	7.5	3.302	5.272
Kloof					Kloof				
Measured	12.4	18.1	7.216	7.538	Proved	13.2	8.3	3.518	3.516
Indicated	2.3	12.4	0.905	2.074	Probable	9.5	4.9	1.503	2.135
Inferred	0.2	12.6	0.089	0.085					
Kloof – total	14.9	17.1	8.211	9.697	Kloof – total	22.6	6.9	5.020	5.652
Cooke					Cooke				
Measured	4.0	13.1	1.689	1.689	Proved				
Indicated	3.5	10.1	1.130	1.130	Probable				
Inferred	3.2	12.0	1.220	1.220					
Cooke – total	10.7	11.8	4.039	4.039	Cooke – total				
Underground – total	90.2	10.3	29.808	32.473	Underground – total	46.8	6.3	9.509	13.010
Surface					Surface				
Surface rock dumps and tailings storage facilities					Surface rock dumps and tailings storage facilities				
Beatrix (Indicated)	3.8	0.4	0.043	0.041	Beatrix (Probable)	3.8	0.4	0.043	0.041
Driefontein (Indicated)	1.3	0.5	0.021	0.019	Driefontein (Probable)	1.3	0.5	0.021	0.019
Kloof (Indicated)	7.7	0.5	0.131	0.192	Kloof (Probable)	7.7	0.5	0.131	0.192
Cooke (Measured)	16.1	0.3	0.144	0.052	Cooke (Proved)	16.1	0.3	0.144	0.052
Cooke (Indicated)	1.1	0.4	0.015	0.007	Cooke (Probable)	1.1	0.4	0.015	0.007
DRDGOLD (Ergo) (Measured) ^{1,2}	122.9	0.3	1.209		DRDGOLD (Ergo) (Proved) ^{1,2}	23.9	0.3	0.232	
DRDGOLD (Ergo) (Indicated) ^{1,2}	129.5	0.3	1.054		DRDGOLD (Ergo) (Probable) ^{1,2}	99.0	0.3	0.977	
DRDGOLD (Ergo) (Inferred) ^{1,2}	76.3	0.2	0.489						
DRDGOLD (FWGR) (Measured) ^{1,2}	93.6	0.3	1.035		DRDGOLD (FWGR) (Proved) ^{1,2}	68.1	0.4	0.801	
					DRDGOLD (FWGR) (Probable) ^{1,2}	25.6	0.3	0.234	
Surface – total	452.3	0.3	4.142	0.311	Surface – total	246.5	0.3	2.599	0.311

¹ 38% attributable

² Non-managed

³ Beatrix Indicated Mineral Resources AI includes Beisa Central

SA CONSOLIDATED GOLD AND URANIUM MINERAL RESOURCES AND MINERAL RESERVES STATEMENT CONTINUED

Classified gold Mineral Resources and Mineral Reserves statement as at 31 December 2018 continued

OPERATIONS	Mineral Resources				OPERATIONS	Mineral Reserves			
	2018			2017		2018			2017
	Tonnes (Mt)	Grade (g/t)	Gold (Moz)	Gold (Moz)		Tonnes (Mt)	Grade (g/t)	Gold (Moz)	Gold (Moz)
Total operations (incl SRD and TSF – excl projects)					Total operations (incl SRD and TSF – excl projects)				
Beatrix	42.6	5.5	7.483	7.749	Beatrix	14.2	2.7	1.230	2.127
Cooke	27.8	4.7	4.198	4.097	Cooke	17.2	0.3	0.159	0.059
Driefontein	27.1	11.6	10.139	11.048	Driefontein	15.0	6.9	3.324	5.291
Kloof	22.6	11.5	8.342	9.890	Kloof	30.4	5.3	5.151	5.844
DRDGOLD (Ergo and FWGR) ^{1,2}	422.4	0.3	3.787		DRDGOLD (Ergo and FWGR) ^{1,2}	216.6	0.3	2.245	
Operations – total	542.5	1.9	33.950	32.784	Operations total	293.3	1.3	12.108	13.321
PROJECTS					PROJECTS				
Underground					Underground				
Beatrix					Beatrix				
Indicated BI ⁴	7.1	7.6	1.740	0.541	Probable BI				
Beatrix – total	7.1	7.6	1.740	0.541	Beatrix – total				
Driefontein⁵					Driefontein				
Measured BI				0.017	Proved BI				
Indicated BI	20.8	13.6	9.085	7.290	Probable BI				1.707
Driefontein – total	20.8	13.6	9.085	7.308	Driefontein – total				1.707
Kloof⁶					Kloof				
Measured BI				1.162					
Indicated BI	34.7	12.8	14.331	18.880	Probable BI	2.5	5.3	0.431	0.537
Inferred BI	4.9	14.0	2.218	0.976					
Kloof – total	39.6	13.0	16.549	21.018	Kloof – total	2.5	5.3	0.431	0.537
Burnstone					Burnstone				
Measured	0.6	6.0	0.124	0.351	Proved	0.1	2.4	0.011	0.058
Indicated	68.6	4.9	10.856	8.664	Probable	14.1	4.3	1.934	1.876
Burnstone – total	69.3	4.9	10.980	9.015	Burnstone – total	14.2	4.3	1.945	1.934
Bloemhoek					Bloemhoek				
Indicated	27.4	4.7	4.163	4.163					
Inferred	0.9	4.9	0.135	0.135					
Bloemhoek – total	28.3	4.7	4.297	4.297	Bloemhoek – total				
De Bron Merriespruit					De Bron Merriespruit				
Indicated	23.0	4.5	3.307	3.307	Probable	15.3	4.3	2.099	2.112
Inferred	5.3	4.2	0.715	0.715					
De Bron Merriespruit – total	28.3	4.4	4.022	4.022	De Bron Merriespruit – total	15.3	4.3	2.099	2.112
DRDGOLD^{1,2}					DRDGOLD^{1,2}				
Inferred	67.4	6.8	14.795						
DRDGOLD – total	67.4	6.8	14.795		DRDGOLD – total				
Projects – total	260.9	7.3	61.469	46.201	Projects – total	32.0	4.3	4.476	6.290

PROJECTS	2018			2017	PROJECTS	2018			2017
	Tonnes (Mt)	Grade (g/t)	Gold (Moz)	Gold (Moz)		Surface	Tonnes (Mt)	Grade (g/t)	Gold (Moz)
Surface					Surface				
WRTRP⁷					WRTRP				
Measured	210.0	0.3	1.721	5.602	Proved				
Indicated	52.3	0.3	0.524	0.524	Probable				6.126
WRTRP – total	262.3	0.3	2.245	6.126	WRTRP – total				6.126
Surface – total	262.3	0.3	2.245	6.126	Surface – total				6.126
Project – total	523.1	3.8	63.714	52.327	Project – total	32.0	4.3	4.476	12.416
Grand total – underground, surface and projects	1,065.6	2.9	97.663	85.111	Grand total – underground, surface and projects	325.3	1.6	16.584	25.737

¹ 38% attributable

² Non-managed

³ Beatrix Indicated Mineral Resources AI includes Beisa Central

⁴ Beatrix Indicated Mineral Resources BI refers to material below 26 Level (1,341m)

⁵ Driefontein Mineral Resources and Mineral Reserves BI refers to material below 50 Level (3,300m)

⁶ Kloof Mineral Resources and Mineral Reserves BI refers to material below 45 Level (3,347m)

⁷ WRTRP has been reported as a separate project above for consistency with 2017 but the remaining Mineral Resource is grouped in the Cooke Operations subsection

Classified uranium Mineral Resources and Mineral Reserves statement as at 31 December 2018

OPERATIONS	Mineral Resources				Mineral Reserves				
	2018			2017	2018			2017	
	Tonnes (Mt)	Grade (kg/t)	U ₃ O ₈ (Mlb)	U ₃ O ₈ (Mlb)	Underground	Tonnes (Mt)	Grade (kg/t)	U ₃ O ₈ (Mlb)	U ₃ O ₈ (Mlb)
Underground					Underground				
Beatrix¹					Beatrix				
Measured AI	3.6	1.086	8.548	8.548					
Indicated AI	7.8	1.069	18.330	18.330					
Inferred AI	0.0	1.101	0.090	0.090					
Beatrix – total	11.4	1.074	26.968	26.968	Beatrix – total				
Operations – total	11.4	1.074	26.968	26.968	Operations – total				
PROJECTS					PROJECTS				
Surface					Surface				
WRTRP²					WRTRP				
Measured	210.0	0.090	41.788	86.147					
Indicated	52.3	0.086	9.936	9.936	Probable				96.083
Surface – total	262.3	0.089	51.724	96.083	Surface – total				96.083
Grand total – underground, surface and projects	273.7	0.130	78.692	123.051	Grand total – underground, surface and projects				96.083

¹ Beatrix includes uranium Mineral Resources from the Beisa Central project

² WRTRP has been reported as a separate project above for consistency with 2017 but the remaining Mineral Resource is grouped in the Cooke Operations subsection