



Mimosa

FACT SHEET

RESPECT, CARE
AND DELIVER

MIMOSA

Mimosa is jointly held by Implats (50%) and Sibanye-Stillwater (50%).

Its operations are located on the Wedza Geological Complex on the Zimbabwean Great Dyke, 150 kilometres east of Bulawayo. The operation comprises a shallow underground mine, accessed by a decline shaft, and a concentrator.

In FY2023
Mimosa produced

245 000

ounces 6E in concentrate



■ GEOLOGY

The Great Dyke is a layered complex similar to that of the Bushveld Complex. It extends for 550 kilometres and has a maximum width of 12 kilometres.

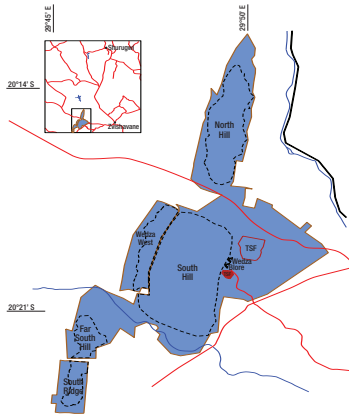
The Great Dyke is exposed as a series of narrow, contiguous layered complexes or chambers. From north to south these are Musengezi, Hartley (comprising Darwendale and Sebakwe sub-chambers) and a southern chamber (comprising the Selukwe and Wedza sub-chambers).

The Hartley Geological complex is the largest of the PGM-bearing complexes, containing 80% of the known PGM resources in Zimbabwe.

PGM mineralisation at Mimosa is located in four isolated and fault-bounded blocks. Each block is host to a pyroxenite layer known as the P1 pyroxenite layer, overlain by a gabbro layer. The platinum-bearing Main Sulphide Zone (MSZ) is located in the P1 pyroxenite, some 10m below the ultramafic/mafic contact. The MSZ is generally 2 to 6 metres thick. Optimal mineralisation varies and, in contrast to the Bushveld Complex, is often difficult to follow visually.

Mimosa has a well-defined grade profile where peak base metal and PGM values are offset vertically, with palladium dominant at the base, platinum in the centre, and nickel towards the top.

Mimosa locality map



Legend

	Town		River
	Mining right boundary		Dam
	Public road		Portal
	Railway line		MSZ outline
	Tailings storage facility-active (TSF)		Tailings storage facility-dormant (TSF)

0 5
Scale (km)

Mineral Resources (inclusive reporting) as at 30 June 2023

	Category	Tonnes (Mt)	Width (cm)	4E Grade (g/t)	6E Grade (g/t)	6E (Moz)
South Hill MSZ	measured	38.4	210	3.59	3.83	4.7
	indicated	8.3	210	3.37	3.61	1.0
	inferred	16.3	210	3.44	3.68	1.9
	Total	63.0		3.53	3.76	7.6
North Hill MSZ	measured	28.7	210	3.43	3.63	3.3
	indicated	14.4	210	3.55	3.76	1.7
	inferred	7.2	210	3.45	3.66	0.8
	Total	50.2		3.46	3.67	5.9
Far South Hill MSZ	measured	3.9	210	3.49	3.71	0.5
	indicated	2.1	210	3.72	3.95	0.3
	inferred	5.4	210	3.30	3.51	0.6
	Total	11.4		3.44	3.66	1.3
	Overall total	124.6		3.49	3.71	14.9

Mineral Reserves as at 30 June 2023

	Category	Tonnes (Mt)	Width (cm)	4E Grade (g/t)	6E Grade (g/t)	6E (Moz)
South Hill MSZ	proved	24.0	210	3.54	3.77	2.9
	probable	6.6	210	3.33	3.57	0.8
	Total	30.7		3.50	3.73	3.7



■ MINING

Mimosa holds contiguous mining rights amounting to 7 691 hectares on the North Hill, the South Hill, Mtshingwe Block and Far South Hill orebody areas. The orebody is shallow and the current average depth is 180m. The bord and pillar mining method is employed and stoping widths average around 2.1 metres. Mining bords advance along the strike.

The mining cycle involves mechanised support drilling and installation, mechanised face drilling, charging and blasting, and mechanised lashing onto a conveyor network to an underground bunker. From the bunker ore is conveyed out to a surface stockpile.

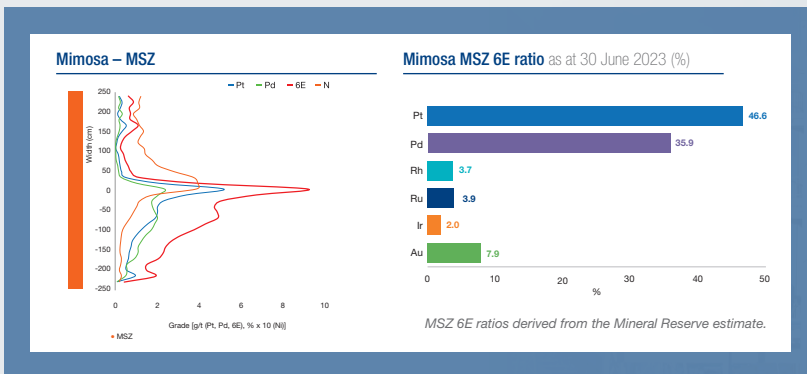
■ LIFE OF MINE

Mimosa estimated 20-year 6E LoM ounce profile as at 30 June 2023



METALLURGY

Mimosa has a concentrator plant on site where initial processing is done. Concentrate is transported by road to Impala's Mineral Processes facility in South Africa in a life-of-mine offtake agreement with Impala Refining Services (IRS). Discussions continue with the Government of Zimbabwe regarding beneficiation.

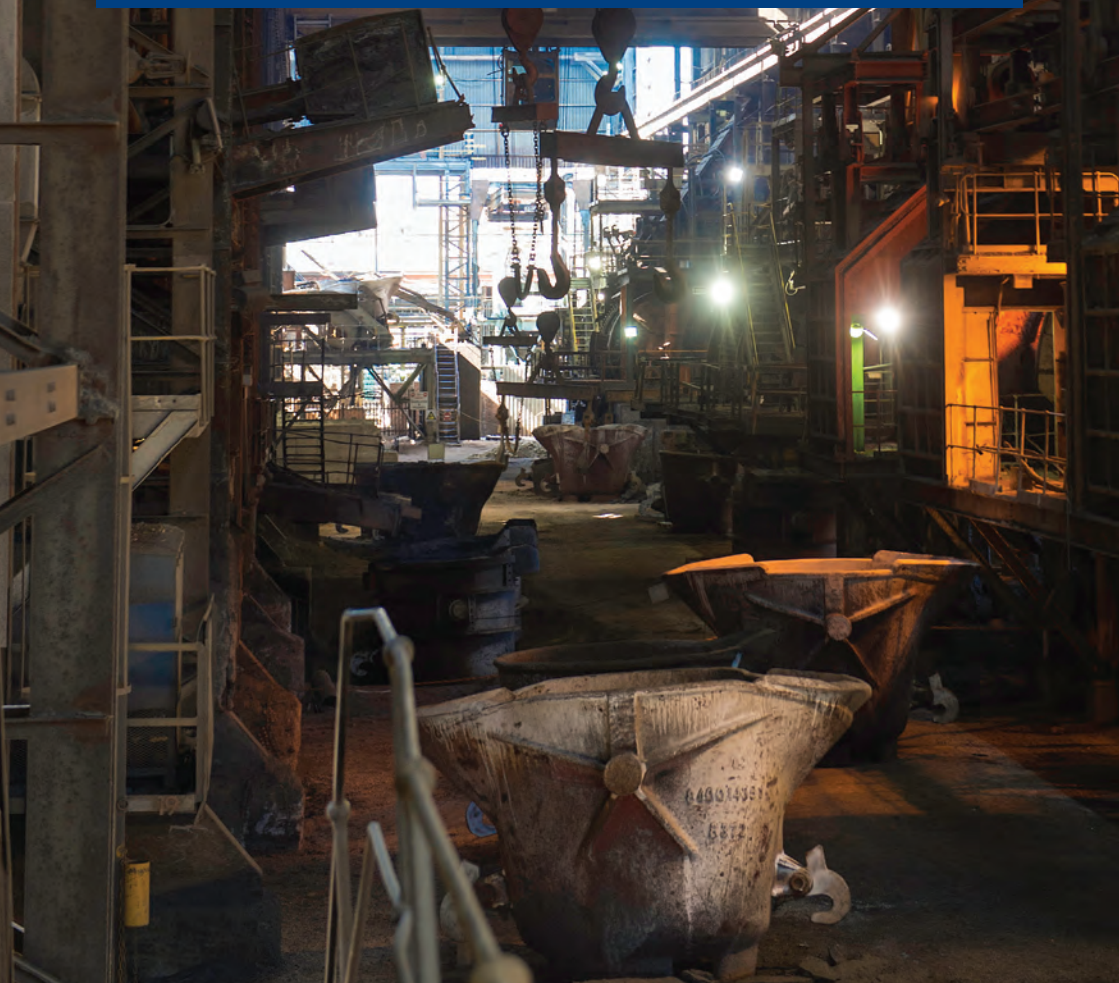


SUSTAINABLE DEVELOPMENT

Mimosa remains committed to social development initiatives and engages in, develops and builds community relationships. It takes responsibility for economic, social and environmental issues that impact its people, communities and environments and is involved in a number of community projects in the area.

■ HISTORY

Mimosa was acquired by Zimasco from Union Carbide in 1993. Zimasco piloted platinum mining in Zimbabwe by resuscitating the operation and steadily increasing production to 1 000 tonnes per day by 1998. In July 2001, Implats acquired a 35% stake in Mimosa for R246 million. With a further acquisition of 15% in August of the following year, this stake was increased to 50%. Aquarius acquired a 50% stake in Mimosa during the same year. In 2016 Sibanye-Stillwater acquired all the shares that formerly belonged to Aquarius.



■ MIMOSA – KEY STATISTICS

		FY2023	FY2022	FY2021
Production				
Tonnes milled ex mine	(000t)	2 735	2 816	2 861
Headgrade (6E)	(g/t)	3.77	3.82	3.87
6E in concentrate	(000oz)	245	246	261
Labour efficiency				
Tonnes milled per employee costed*	(t/man/annum)	733	750	757
Cost				
Mining cost of sales	(Rm)	(5 503)	(4 330)	(4 526)
On-mine operations	(Rm)	(3 292)	(2 508)	(2 451)
Processing operations	(Rm)	(1 071)	(807)	(756)
Other	(Rm)	(1 140)	(1 015)	(1 319)
Total cost	(Rm)	4 483	3 433	3 346
	(US\$m)	252	226	217
Unit costs				
per tonne milled	(R/t)	1 639	1 219	1 170
	(US\$/t)	92	80	76
per 6E ounce in concentrate	(R/oz)	18 290	13 933	12 815
	(US\$/oz)	1 030	915	832
Financial ratios				
Gross margin ex mine	(%)	26.6	46.1	58.0
Capital expenditure				
	(Rm)	2 160	1 185	907
	(US\$m)	122	78	59
Safety				
LTIFR	(pmmhw ⁻)	0.42	0.28	0.10
FIFR	(pmmhw ⁻)	-	-	-
Labour complement				
Own employees	(no)	1 245	1 267	1 293
Contractors	(no)	2 490	2 437	2 516

* Average working cost employees including contractors

+ Per million man hours worked



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JANUARY 2024

MIMOSA