



HARMONY™

OPERATIONAL

**FY22 REVIEW
FY23 GUIDANCE**

**MINING
WITH
PURPOSE**

DOORKOP

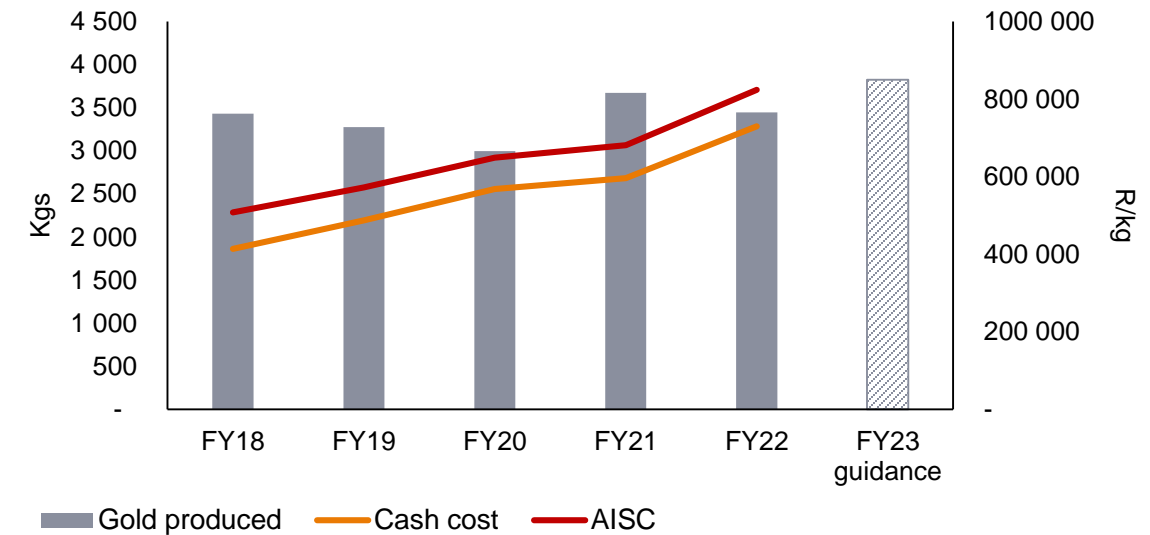
Location	South Africa West Rand goldfield, about 30km west of Johannesburg
Method	Underground, narrow reef conventional mining
Depth	2 219m
Status	Mining takes place on the South Reef at this single-shaft operation Capital project developing level 207 and 212
Life-of-mine	16 years
Details	<ul style="list-style-type: none"> • FY22 production: 110 726oz • FY23 guidance: 120 000oz to 126 000oz • FY23 capital expenditure: R742 million



Reserves and Resources (As at 30 June 2022)

			Tonnes (Mt)	Grade (g/t)	Gold (000kg)
Reserves	Proven		13.8	4.36	60
	Probable P&P				
Resources	Measured	South reef	4.7	7.57	36
		Main reef	0.1	5.38	0.4
		Kimberly reef	18.1	3.36	61
	Indicated	South reef	4.8	7.41	35
		Main reef	0.05	5.51	0.3
		Kimberly reef	12.1	3.15	38
	Inferred	South reef	3.3	7.73	25
		Main reef	0.02	5.32	0.1
		Kimberly reef	10.1	3.28	33

Operating profile



JOEL

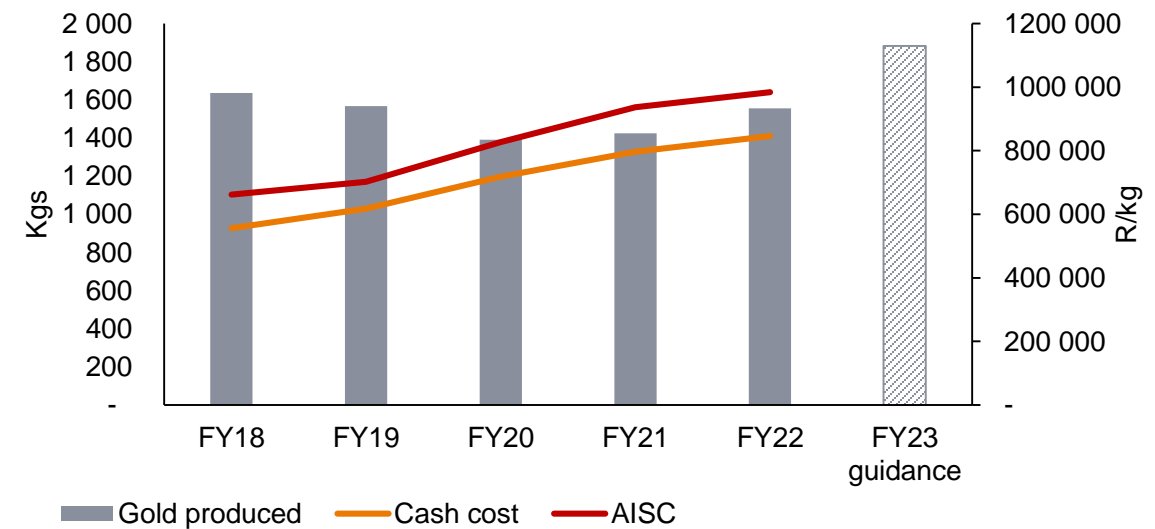
Location	South Africa Free State, about 290km from Johannesburg
Method	Underground, narrow reef conventional mining
Depth	1 379m
Status	Twin-shaft operation – technically challenging, decline project completed
Life-of-mine	8 years
Details	<ul style="list-style-type: none"> • FY22 production: 50 026oz • FY23 guidance: 59 000oz to 62 000oz • FY23 capital expenditure: R276 million



Reserves and Resources (As at 30 June 2022)

Reserves and Resources (As at 30 June 2022)		Tonnes (Mt)	Grade (g/t)	Gold (000kg)
Reserves	Proven	3.7	4.97	19
	Probable P&P			
Resources	Measured	4.2	7.64	32
	Indicated	3.7	6.80	25
	Inferred	7.0	5.11	36

Operating profile



MASIMONG

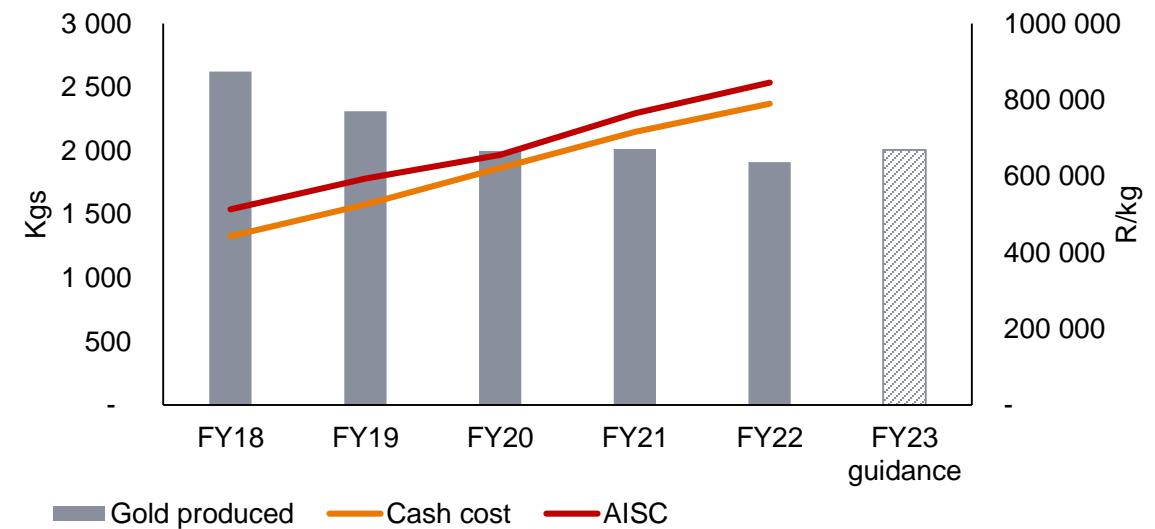
Location	South Africa Free State goldfield, about 260km from Johannesburg
Method	Underground, narrow reef conventional mining
Depth	Between 1 650m and 2 010m
Status	Mature, single shaft operation nearing the end of its life-of-mine
Life-of-mine	2 years
Details	<ul style="list-style-type: none"> • FY22 production: 61 407oz • FY23 guidance: 63 000oz to 66 000oz • FY23 capital expenditure: R101 million



Reserves and Resources (As at 30 June 2022)

		Tonnes (Mt)	Grade (g/t)	Gold (000kg)
Reserves	Proven	1.0	4.55	5
	Probable P&P			
Resources	Measured	2.6	9.25	24
	Indicated	0.2	7.12	2
	Inferred	0.02	6.91	0.2

Operating profile



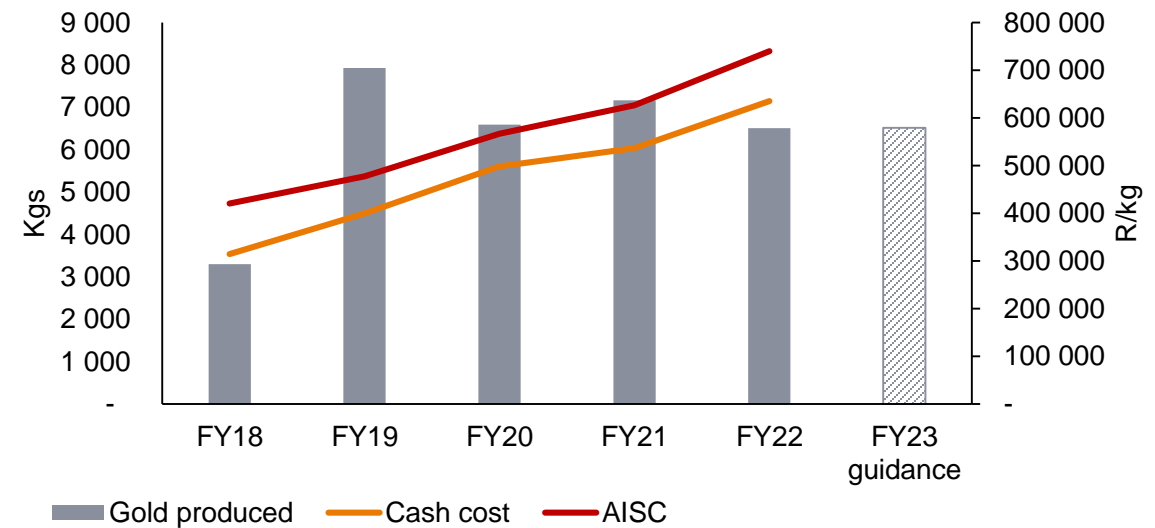
MOAB KHOTSONG

Location	South Africa Klerksdorp goldfield, about 180km south-west of Johannesburg
Method	Underground, narrow reef conventional scattered mining method with integrated backfill support system incorporating bracket pillars
Depth	Between 1 791m and 3 052m below surface
Status	Steady state operation. Focus on Zaaiplaats and Great Noligwa pillar capital projects
Life-of-mine	22 years
Details	<ul style="list-style-type: none"> • FY22 production: 209 237oz • FY23 guidance: 204 000oz to 215 000oz • FY23 capital expenditure: R1 337 million (Zaaiplaats R602m)



Reserves and Resources (As at 30 June 2022)		Tonnes (Mt)	Grade (g/t)	Gold (000kg)
Reserves	Proven Probable P&P	14.7	8.54	125
	Measured	4.0	17.62	70
Resources	Indicated	11.8	16.80	198
	Inferred	2.6	19.09	49

Operating profile



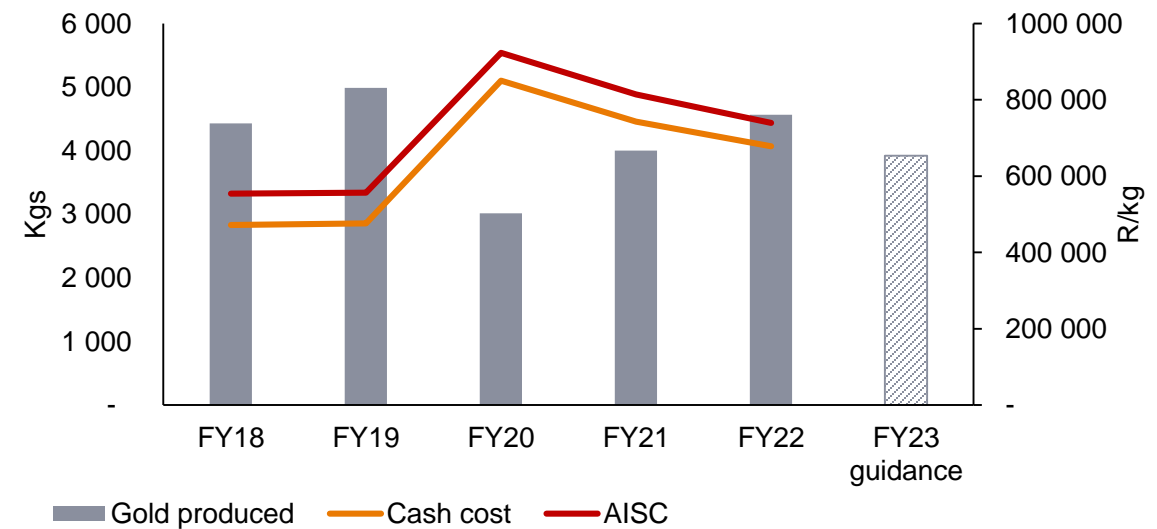
KUSASALETHU

Location	South Africa West Rand goldfields, about 90km from Johannesburg
Method	Underground, narrow reef conventional mining
Depth	3 388m
Status	Mature, steady state operation positioned for profitability nearing the end of its life-of-mine
Life-of-mine	2 years
Details	<ul style="list-style-type: none"> • FY22 production: 146 833oz • FY23 guidance: 123 000oz to 129 000oz • FY23 capital expenditure: R208 million



Reserves and Resources (As at 30 June 2022)		Tonnes (Mt)	Grade (g/t)	Gold (000kg)
Reserves	Proven Probable P&P	1.3	6.97	9
	Measured	2.1	11.53	24
Resources	Indicated	8.6	9.28	80
	Inferred	2.0	8.85	18

Operating profile



MPONENG

MINING WITH
PURPOSE

Location South Africa
West Rand goldfields, about 80km south-west of Johannesburg

Method Underground, narrow reef conventional mining

Depth Between 3 160m and 3 740m below surface

Status Steady state operation: development continues

Life-of-mine 7 years

Details

- FY22 production: 195 669oz
- FY23 guidance: 198 300oz to 215 500oz
- FY23 capital expenditure: R811 million

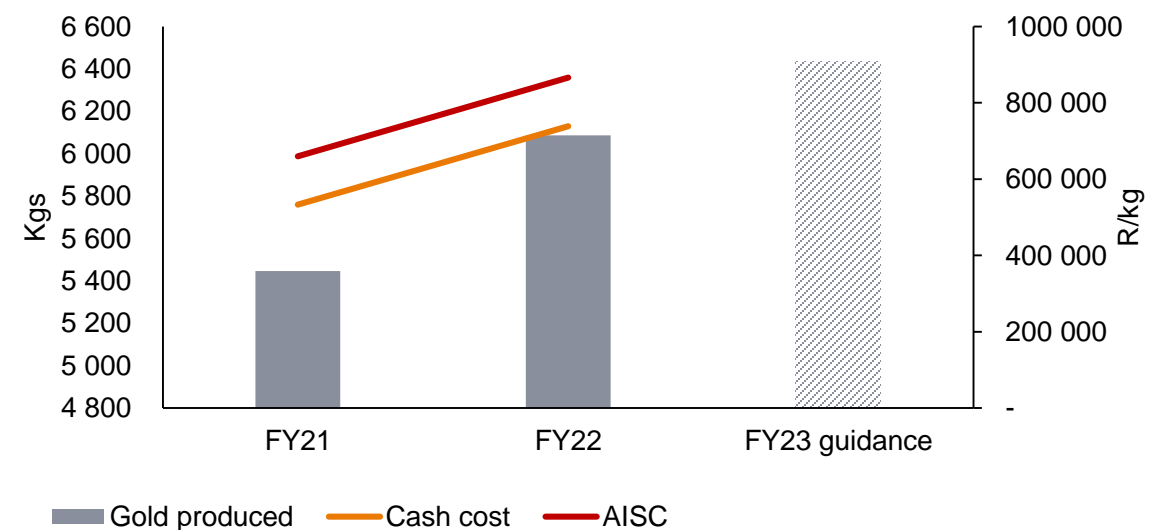


Reserves and Resources (As at 30 June 2022)

		Tonnes (Mt)	Grade (g/t)	Gold (000kg)
Reserves	Proven	6.6	8.76	58
	Probable P&P			
Resources	Measured	4.0	15.65	63
	Indicated	21.2	14.34	304
	Inferred	29.1	13.35	389

		Tonnes (Mt)	Grade (g/t)	Gold (000kg)
Reserves	Proven	6.6	8.76	58
	Probable P&P			
Resources	Measured	4.0	15.65	63
	Indicated	21.2	14.34	304
	Inferred	29.1	13.35	389

Operating profile



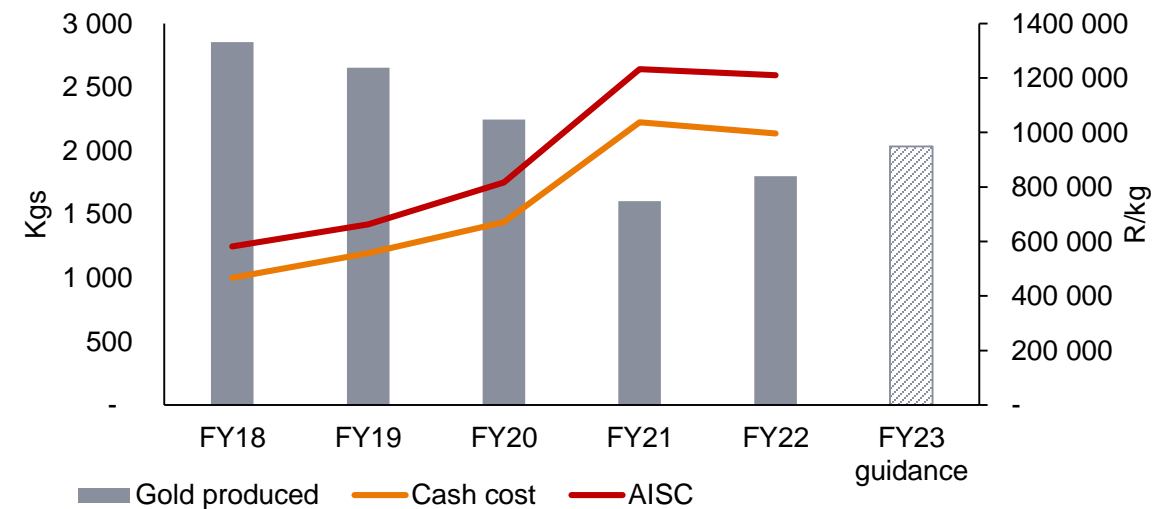
TARGET 1

Location	South Africa Free State goldfield, about 270km south-west of Johannesburg
Method	Underground, mechanised mining (massive mining techniques), narrow reef conventional stoping
Depth	2 300m below surface
Status	Crusher and related infrastructure project well underway and expected to be completed by the end of the calendar year
Life-of-mine	6 years
Details	<ul style="list-style-type: none"> • FY22 production: 57 872oz • FY23 guidance: 61 700oz to 69 000oz • FY23 capital expenditure: R454 million



Reserves and Resources (As at 30 June 2022)		Tonnes (Mt)	Grade (g/t)	Gold (000kg)
Reserves	Proven Probable P&P	4.4	4.24	19
	Measured	7.2	7.16	51
Resources	Indicated	5.0	6.42	32
	Inferred	4.0	5.96	24

Operating profile



TSHEPONG NORTH

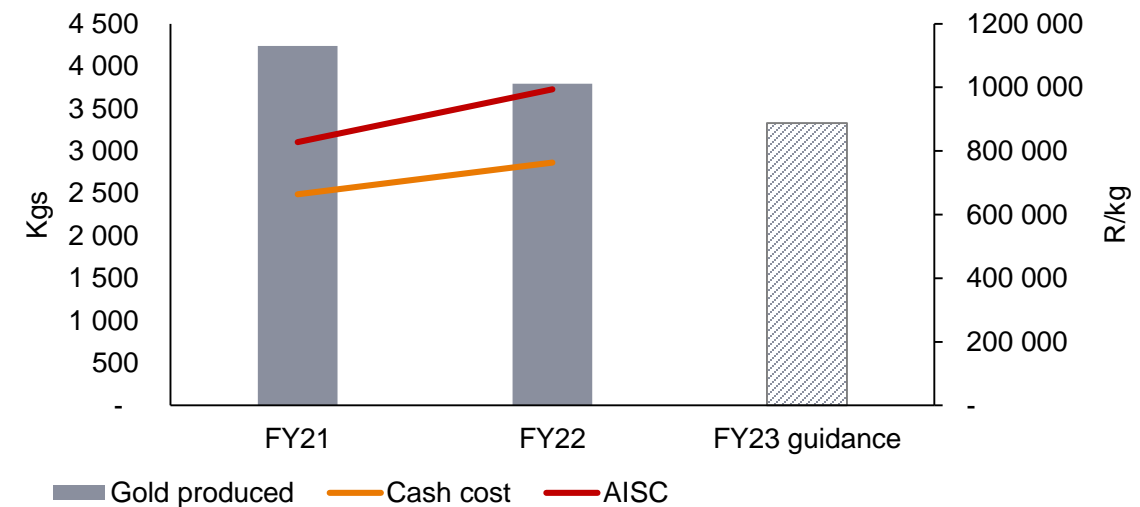
Location	South Africa Free State, about 250km from Johannesburg
Method	Underground, narrow reef conventional undercut mining
Depth	2 349m
Status	Capital project Sub 75 suspended and mining footprint reduced, development continues
Life-of-mine	7 years
Details	<ul style="list-style-type: none"> • FY22 production: 121 980oz • FY23 guidance: 104 000oz to 110 000oz • FY23 capital expenditure: R479 million



Reserves and Resources (As at 30 June 2022)

Reserves and Resources (As at 30 June 2022)		Tonnes (Mt)	Grade (g/t)	Gold (000kg)
Reserves	Proven	4.5	5.34	24
	Probable P&P			
Resources	Measured	15.7	11.57	182
	Indicated	4.2	10.43	44
	Inferred	9.4	10.18	96

Operating profile



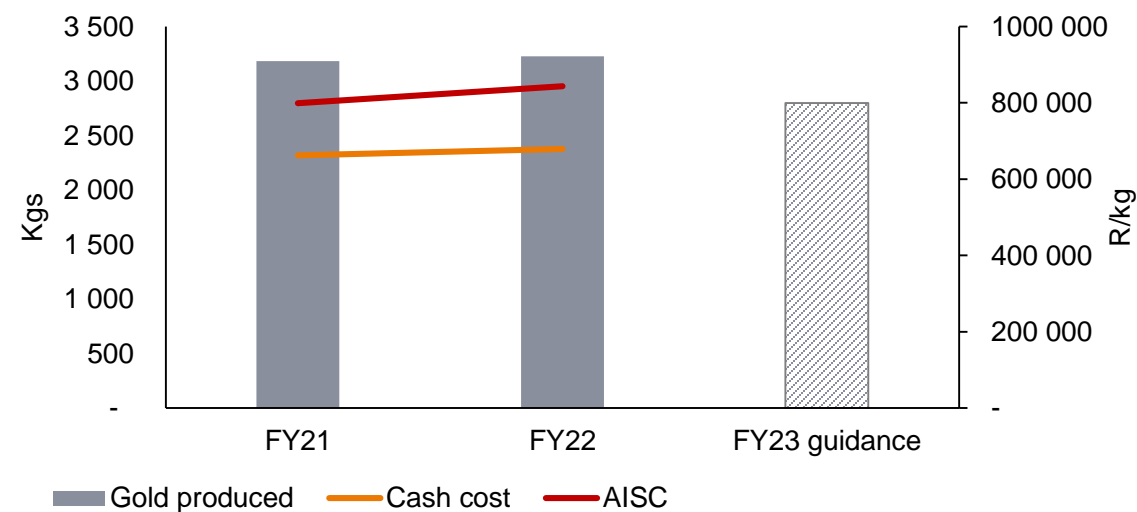
TSHEPONG SOUTH

Location	South Africa Free State, about 250km from Johannesburg
Method	Underground, narrow reef conventional undercut mining
Depth	2 426m
Status	Stable operation, management focus on operating independently
Life-of-mine	8 years
Details	<ul style="list-style-type: none"> • FY22 production: 103 783oz • FY23 guidance: 88 000oz to 92 000oz • FY23 capital expenditure: R516 million



Reserves and Resources (As at 30 June 2022)		Tonnes (Mt)	Grade (g/t)	Gold (000kg)
Reserves	Proven Probable P&P	3.9	6.96	27
	Measured	7.7	12.25	95
Resources	Indicated	7.4	11.24	83
	Inferred	27.5	10.77	296

Operating profile



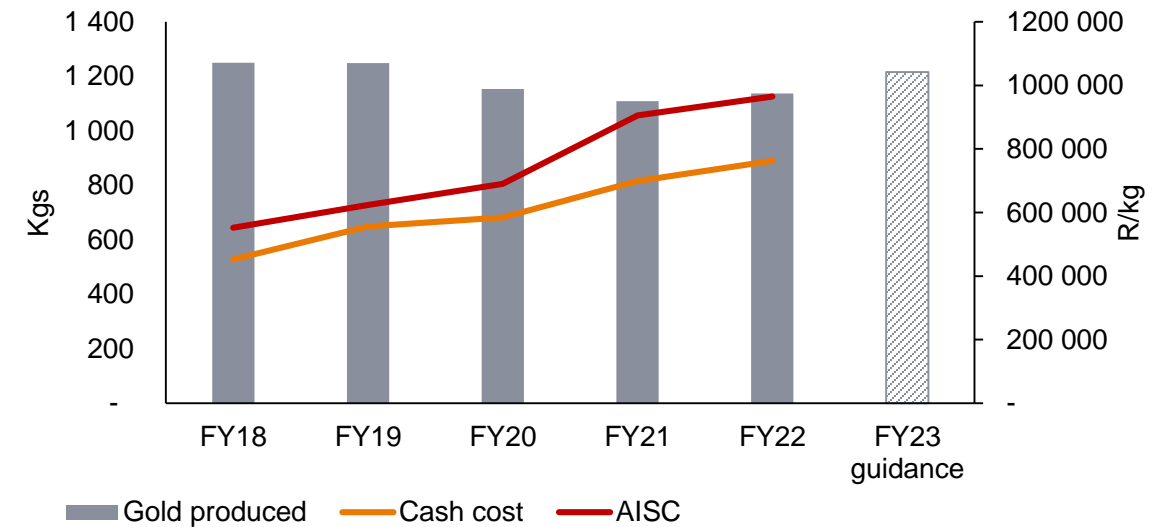
KALGOLD

Location	South Africa North West province, 55km southwest of Mahikeng
Method	Open pit
Status	Steady state production from the A-zone pit; ramp-up of mining at pillar between A-Zone and Watertank pits; expansion project under consideration
Life-of-mine	11 years
Details	<ul style="list-style-type: none"> FY22 production: 36 555oz FY23 guidance: 36 100oz to 42 100oz FY23 capital expenditure: R78 million



Reserves and Resources (As at 30 June 2022)		Tonnes (Mt)	Grade (g/t)	Gold (000kg)
Reserves	Proven Probable P&P	21.4	1.10	24
	Measured	5.8	1.07	6
Resources	Indicated	47.7	1.14	54
	Inferred	25.4	0.34	9

Operating profile



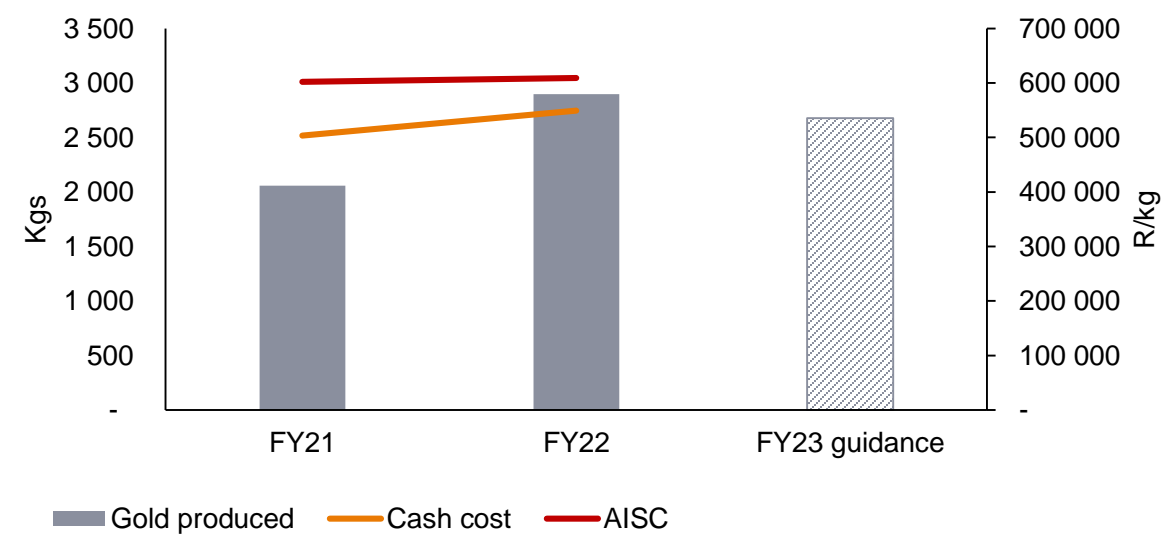
MINE WASTE SOLUTIONS

Location	South Africa North West province, about 160km from Johannesburg
Method	Tailings retreatment
Status	Steady state, Kareerand capital project underway
Life-of-mine	17 years
Details	<ul style="list-style-type: none"> FY22 production: 93 205oz FY23 guidance: 82 500oz to 89 600oz FY23 capital expenditure: R1 583 million (Kareerand R960m)



Reserves and Resources (As at 30 June 2022)		Tonnes (Mt)	Grade (g/t)	Gold (000kg)
Reserves	Proven Probable P&P	187.8	0.25	46
	Measured	75.2	0.22	17
Resources	Indicated	165.4	0.25	41
	Inferred	-	-	-

Operating profile



PHOENIX

Location South Africa
Virginia, Free State

Method Tailings retreatment

Status Steady state

Life-of-mine 6 years

Details

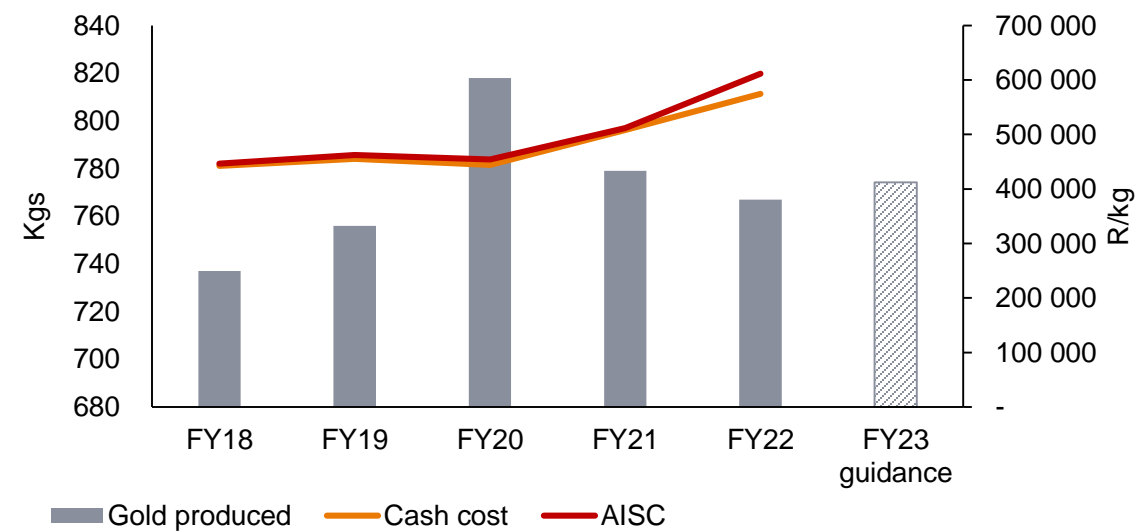
- FY22 production: 24 659oz
- FY23 guidance: ~24 850oz
- FY23 capital expenditure: R44 million



Reserves and Resources (As at 30 June 2022)

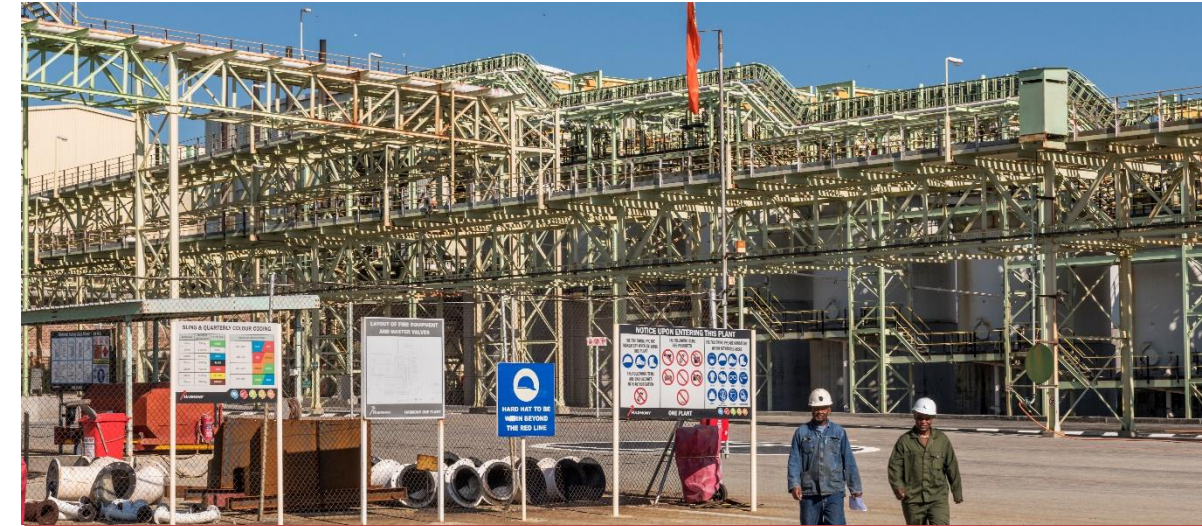
		Tonnes (Mt)	Grade (g/t)	Gold (000kg)
Reserves	Proven	36.5	0.29	10
	Probable P&P			
Resources	Measured	58.4	0.28	16
	Indicated	-	-	-
	Inferred	-	-	-
		-	-	-

Operating profile



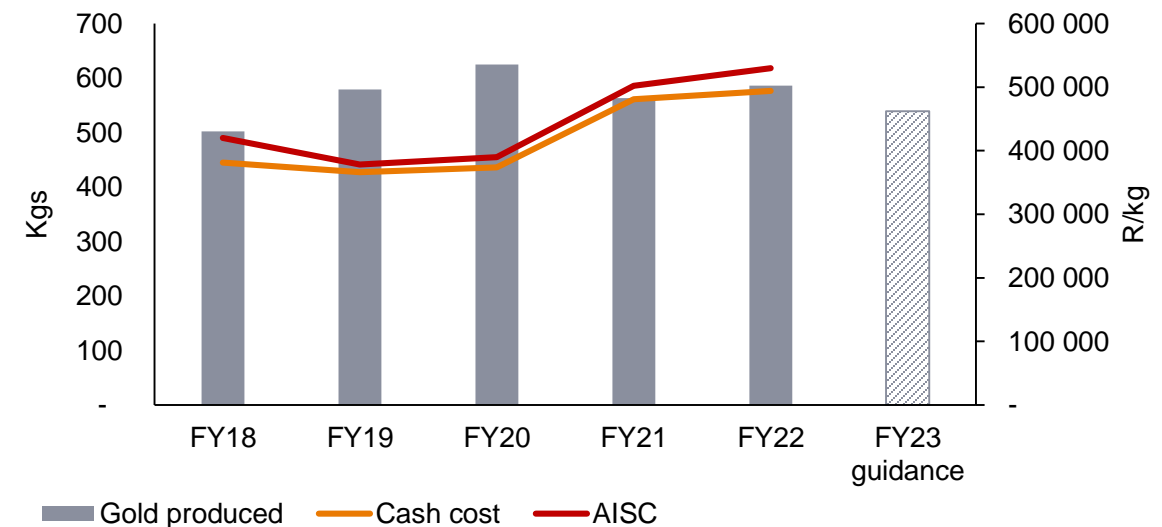
CENTRAL PLANT RECLAMATION

Location	South Africa Welkom, Free State
Method	Tailings retreatment
Status	Steady state
Life-of-mine	13 years
Details	<ul style="list-style-type: none"> • FY22 production: 18 840oz • FY23 guidance: ~17 330oz • FY23 capital expenditure: R47 million



Reserves and Resources (As at 30 June 2022)		Tonnes (Mt)	Grade (g/t)	Gold (000kg)
Reserves	Proven	47.9	0.27	13
	Probable P&P			
Resources	Measured	-	-	-
	Indicated	47.9	0.27	13
	Inferred	-	-	-

Operating profile



HIDDEN VALLEY

Location	Papua New Guinea, approximately 90km from Lae in Morobe Province
Method	Open-pit
Status	Steady state operation, continued focus on Hidden Valley extension
Life-of-mine	5 years
Details	<ul style="list-style-type: none"> • FY22 production: 119 182oz • FY23 guidance: 152 000oz to 155 000oz • FY23 capital expenditure: R1 772 million



Results for the year ended 30 June 2022

Reserves and Resources (As at 30 June 2022)		Tonnes (Mt)	Grade (g/t)	Gold (000kg)
Reserves	Proven Probable P&P	19.1	1.65	32
	Measured	2.5	0.86	2
Resources	Indicated	51.2	1.50	77
	Inferred	1.4	1.25	2

Operating profile

