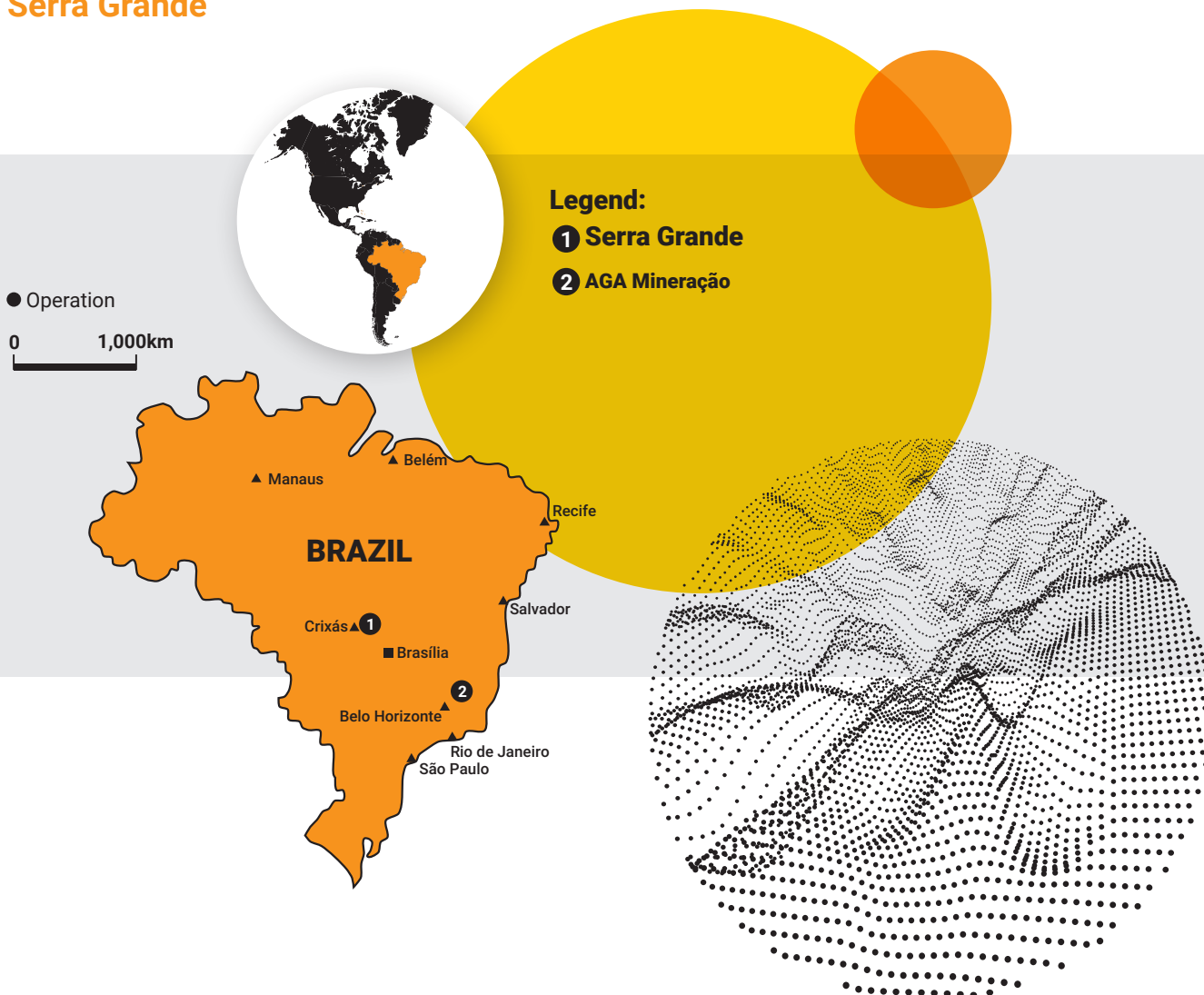


Operational profile

Serra Grande



Serra Grande, in the state of Goiás about 5km from the city of Crixás, comprises three mechanised underground mines and an open pit: Mina III, Mina Nova and Mina Palmeiras, and an open pit. One dedicated metallurgical plant, with an annual capacity of 1.5Mt, treats all ore mined.

Serra Grande is currently one of three operations in AngloGold Ashanti's Americas region.

KEY FEATURES 2022



3%
Contribution
to total
production

3.6Moz
Mineral
Resource
(inclusive)

0.6Moz
Mineral
Reserve

Operational profile

Serra Grande *continued*

Key performance statistics

	Units	2022	2021	2020
Operating performance				
Cut-off grade ⁽¹⁾	g/t	1.59 - 2.13	0.41 - 2.00	1.46
Recovered grade	g/t	2.28	2.09	2.33
Tonnes treated/milled	Mt	1.2	1.2	1.5
Gold production	000oz	88	83	114
Total cash costs	\$/oz	1,355	1,192	665
All-in sustaining costs	\$/oz	2,053	2,220	953
Capital expenditure	\$m	57	82	33
Productivity	oz/TEC	5.24	5.24	8.26
Safety performance				
No. of fatalities		0	1	0
Total recordable injuries frequency rate	per million hours worked	3.95	5.56	3.8
People				
Total average number of employees		1,977	1,980	1,695
– Permanent		1,246	1,335	1,260
– Contractors		731	645	435
Environmental performance				
No. of reportable environmental incidents		1	0	1
Water use	ML	2,407	1,850	1,121
Water use efficiency	kL/t	2.0	1.50	0.74
Energy use	PJ	0.73	0.70	0.62
Energy intensity	GJ/t	0.61	0.56	0.41
Greenhouse gas (GHG) emissions	000t	23	35	24
GHG emissions intensity	kg CO ₂ e/t	19	28	16
Cyanide use	t	382	440	634
Total rehabilitation liabilities	\$m	16	16	17
Social performance				
Community investment	\$000	70	21	82
Payments to government	\$m	129	203	139

⁽¹⁾Based on the Mineral Reserve. Cut-off grade is based on sulphides.