

Kumba's ore reserves

2007

Commodity	Operation/Project	% attributable to Kumba	Reserve category	Ore reserves			
				Tonnes (Mt)	Average Grade (% Fe)	Cut-off	
Iron ore	Mining operations	Sishen Mine ¹	Proved	805.3	59.5	Variable	
		– DMS and jig plant	58.2	Probable	227.2	60.0	Variable
		SUBTOTAL			1,032.5	59.6	Variable
		Thabazimbi Mine ²	Proved	7.8	62.9	55	
		– Within current pit layouts	74.0	Probable	1.5	62.7	55
		SUBTOTAL			9.3	62.9	55
	Kumba subtotal		Proved	813.1	59.6		
		– Mining operations	Probable	228.7	60.1		
		TOTAL		1,041.8	59.7		
	Advanced projects	Sishen South ³	Proved	97.7	64.7	Variable	
		– Within approved pit layouts	74.0	Probable	78.2	63.6	Variable
		SUBTOTAL			175.9	64.2	Variable
		Kumba subtotal	Proved	97.7	64.7	Variable	
		– Advanced projects	Probable	78.2	63.6	Variable	
	TOTAL			175.9	64.2	Variable	
Total	Kumba total	Proved	910.8	60.1			
	– Advanced projects and mining operations	Probable	306.9	61.0			
	GRAND TOTAL			1,217.7	60.3		

The tonnages are quoted in metric tonnes and million tonnes is abbreviated as Mt.

Rounding of figures may cause computational discrepancies.

Ore reserve figures reported at 100% irrespective of percentage attributable to Kumba.

1. The net decrease of 21.3Mt in the ore reserves of Sishen Mine is primarily the result of annual production, however the effect is not reflected because a more selective approach to the life-of-mine scheduling of ore reserves was adopted, which allowed for more mineral resources to be used as economically mineable material.
2. There is a net decrease in ore reserves at Thabazimbi Mine of 0.3Mt, where a redesign (increase in size) of one of the pit layouts offset most of the effect of annual production.
3. The Sishen South ore reserves, with construction awaiting granting of a mining right, have increased by 10.3Mt due to optimisation of the scheduling procedure, which allows for blending lower-grade iron ore. Note, due to a full revision of the mineral resources in late 2007, the ore reserves reported are based on 2006 geological models; globally, the mineral resource estimates between the 2007 and 2006 models are similar, however, local variations could impact ore reserves when estimates are updated in 2008.

	2006				2007		2006		
	Ore reserves			% ore reserve change	Saleable product		Tonnes (Mt)	Grade (% Fe) Average	% saleable product change
	Tonnes (Mt)	Grade (% Fe)			Tonnes (Mt)	Grade (% Fe) Average			
		Average	Cut-off						
	813.3	58.1	Variable	-1.0	597.9	65.2	605.9	65.8	-1.3
	240.5	57.2	Variable	-5.5	174.1	65.3	186.9	63.9	-6.8
	1,053.8	57.9	Variable	-2.0	772.0	65.2	792.8	65.4	-2.6
	7.3	61.6	55	6.8	6.6	63.5	6.3	64.5	5.1
	2.4	60.9	55	-36.2	1.2	63.1	2.0	63.9	-37.6
	9.6	61.4	55	-3.7	7.9	63.4	8.3	64.4	-5.2
	820.6	58.1		-0.9	604.5	65.2	612.2	65.8	-1.3
	242.9	57.3		-5.8	175.4	65.2	188.9	63.9	-7.1
	1,063.4	57.9		-2.0	779.8	65.2	801.1	65.3	-2.7
	134.1	65.4	60	-27.2	97.5	64.7	Not reported		
	31.5	64.2	60	100.0	78.0	63.6	Not reported		
	165.6	65.2	60	6.2	175.5	64.2	Not reported		
	134.1	65.4	60	-27.2	97.5	64.7	Not reported		
	31.5	64.2	60	100.0	78.0	63.6	Not reported		
	165.6	65.2	60	6.2	175.5	64.2	Not reported		
	954.7	59.2		-4.6	702.0	65.1	612.2	65.8	14.7
	274.3	58.1		11.9	253.4	64.7	188.9	63.9	34.2
	1,229.0	58.9		-0.9	955.3	65.0	801.1	65.3	19.3