

BARBERTON MINES

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20
Tailings Facility	Location	Ownership	Status	Date of initial operation	Is the dam currently operated or closed as per currently approved design	Raising Method	Current Maximum Height	Current Tailings Storage Impoundment Volume	Planned Tailings Storage Impoundment Volume in 5 years time	Most recent Independent Expert Review	Engineering records including design, construction, operation, and/or closure	Hazard categorization and consequence of failure	Classification guideline system	Has this facility as any point in its history failed to be confirmed or certified as stable or experienced notability concerns as identified by an independent engineer	Internal/in-house engineering oversight? Or external engineering support?	Has a formal analysis of the downstream impact on communities, ecosystems and critical infrastructure been undertaken and to reflect final conditions. If so when did this take place?	Is there a closure plan and does it include long-term monitoring?	Have you or do you plan to assess your tailings facilities against the impact of more regular extreme weather events?	Any other relevant supporting documentation
Consort Mine- Segalla	25°38'30.05"S 31° 3'42.75"E	Pan African Resources	Operational	Commissioned August 1998	Y	Upstream, Daywall	(+/-) 45m	(+/-)4.7Mm ³	To be re-mined	2019	Design, construction and operation	Low, Environmental Spill	SANS 10286	Yes, penstock failure, rectified successfully by appropriate engineering design	Yes, external Engineer of Record appointed	Yes, during design, subsequent reviews of environmental standards	To be re-mined	Yes, Freeboard requirements in line with SA legislation and Predicted Maximum Flood, seismic stability also confirmed	Available stability reports, professional independent engineers reports etc upon request
Fairview Mine-Bramber	25°43'30.43"S 31° 3'44.24"E	Pan African Resources	Operational	Commissioned June 2013	Y	Upstream, Cyclone	(+/-) 27m	(+/-) 3.9Mm ³	(+/-) 5.7Mm ³	2019	Design, construction and operation	High, Property damage & residential area within ZOI	SANS 10286	No	Yes, external Engineer of Record appointed	Yes, during design, subsequent reviews of environmental standards	Yes, part of mine closure	Yes, Freeboard requirements in line with SA legislation and Predicted Maximum Flood, seismic stability also confirmed	Available stability reports, professional independent engineers reports etc upon request
Sheba Mine- Camelot	25°42'59.94"S 31° 9'20.19"E	Pan African Resources	Operational	Commissioned 1997	Y	Upstream, Daywall	(+/-) 40m	(+/-)2.7Mm ³	(+/-)3.4Mm ³	2019	Design, construction and operation	Low, Environmental Spill	SANS 10286	No	Yes, external Engineer of Record appointed	Yes, during design, subsequent reviews of environmental standards	Potential re-mining planned	Yes, Freeboard requirements in line with SA legislation and Predicted Maximum Flood, seismic stability also confirmed	Available stability reports, professional independent engineers reports etc upon request
Sheba Mine-Sheba	25°43'21.59"S 31° 9'18.21"E	Pan African Resources	Dormant	Commissioned July 1997	Y	Upstream, Daywall	(+/-) 32m	(+/-)1.0Mm ³	(+/-)1.0Mm ³	2019	Design, construction and operation	Low, Environmental Spill	SANS 10286	Yes, penstock failure, rectified successfully by appropriate engineering design	Yes, external Engineer of Record appointed	Yes, during design, subsequent reviews of environmental standards	part of mine closure plan	Yes, Freeboard requirements in line with SA legislation and Predicted Maximum Flood	Available stability reports, professional independent engineers reports etc upon request