

Lonmin Platinum Limpopo Division – Baobab TSF – Investor Information

a) Fraser Alexander Tailings is responsible for the maintenance and operation of the dams. SLR Consultants (external engineering consultants) conducts overview on the monitoring data provided by the operators and carries out quarterly reviews on the active dams, reviews with the team comprising internal mine personnel and Fraser Alexander and reports to Lonmin. An annual report is compiled by the external consultants, SLR Consultants, and shared with the governmental authorities (Department of Mineral Resources - DMR) and Lonmin

b) All Lonmin tailings dams are constructed using the upstream method. Following the Brumadinho's incident, SLR Consultants were engaged to review the operations to ascertain the operating regime and stability. All dams were confirmed to be operated within the design parameters and the risk to be within acceptable limits

1. "Tailings Facility" Name/identifier	Lonmin Platinum Limpopo Division – Baobab Shaft
2. Location	S 24° 22' 11.22" E 29° 28' 16.27"
3. Ownership	Lonmin owned
4. Status	Active
5. Date of initial operation	September 2002
6. Is the Dam currently operated or closed as per currently approved design?	Yes, in operation
7. Raising method	Upstream
8. Current Maximum Height	18 m
9. Current Tailings Storage Impoundment volumes.	Baobab shaft 2.2 million m ³ UG2/ Merensky Mogalakwena Platinum 3.0 million m ³ Plat reef
10. Planned Tailings Storage Impoundment Volume in 5 years' time.	6.7 million m ³ total
11. Most recent Independent Expert Review.	March 2019
12. Do you have full and complete relevant engineering records including design, construction, operation, maintenance,	Yes, Relevant documents available to make informed decision on safety of the dam

and/or closure?	
13. What is your hazard categorisation of this facility, based on the consequence of failure?	High Safety Hazard
14. What guideline do you follow for the classification system?	(South African National Standards) SANS 10286 – Mine residue
15. Has this facility, at any point in its history, failed to be confirmed or certified as stable, or experienced notable stability concerns, as identified by an independent Engineer (even if later certified as stable by the same or a different firm).	No
16. Do you have internal/in house engineering specialist oversight of this facility? Or do you have external engineering support for this purpose?	Yes – In-house engineering oversight by Lonmin personnel; Fraser Alexander (Dam Operators) & SLR Consultants (External engineering support)
17. Has a formal analysis of the downstream impact on communities, ecosystems and critical infrastructure in the event of catastrophic failure been undertaken and to reflect final conditions? If so, when did this assessment take place?	Zone of Influence assessment (conducted 2016) in accordance to the safety classification specifications of SANS 10286. Environmental Classification as per EIA/EMPr
18. Is there a) a closure plan in place for this dam, and b) does it include long term monitoring?	a) Yes b) Yes
19. Have you, or do you plan to assess your tailings facilities against the impact of more regular extreme weather events as a result of climate change, e.g. over the next two years?	Yes. Assessed on actual weather condition and dam is maintained and operated to withstand a 1:100 year flood event
20. Any other relevant information and supporting documentation. Please state if you have omitted any other exposure to tailings facilities through any joint ventures you may have.	Annual reports No joint ventures.