

# MINE TAILINGS DISCLOSURE TABLE

As requested by The Church of England Pensions Board and the Council on Ethics Swedish National Pension Funds

Agbaou Hounde and Ity dated August 16, 2019

1. "TAILINGS DAM" NAME/IDENTIFIER	AGBAOU GOLD MINE	HOUNDÉ GOLD MINE	ITY GOLD MINE	BOUNGOU MINE	MANA MINE
2. Location	6° 7'19.04"N, 5°14'16.64"W	11°25'3.28"N, 3°32'31.40"W	6°52'36"N, 8°07'33"W.	12°00'03" N, 1°24'36" W	11°57'20" N, 3°24'46" W
3. Ownership	Owned and Operated.	Owned and Operated.	Owned and Operated.	Owned and Operated.	Owned and Operated.
4. Status	Active.	Active.	Active.	Active	Active
5. Date of initial operation	27 January 2014.	1 November 2017.	8 April 2019.	07/04/18	2008
6. Is the Dam currently operated or closed as per currently approved design?	Currently operated in accordance with Knight Piesold ("KP") operating manual - PE301-00167-04 TSF and WSD Operating Manual.	Currently operated in accordance with Knight Piesold ("KP") operating manual - PE401-00067_14 TSF, WSD and WHD Operating Manual.	Currently operated in accordance with Knight Piesold ("KP") operating manual - PE301-00505_19 TSF Operating Manual.	Yes	Yes
7. Raising method	Downstream.	Downstream.	Downstream.	Downstream	Upstream
8. Current Maximum Height	Wall height varies against natural topography.  Average current wall height 26m. Maximum 30m.	Wall height varies against natural topography.  Average current wall height 17m. Maximum 22m for both Cell 1 and 2.	Wall height varies against natural topography.  Average current wall height 16m. Maximum 20m.	14.2m	17m
9. Current Tailings Storage Impoundment Volume	14.5 Mt or 11.2 Mm <sup>3</sup> (Slurry settled density 1.3 t/m <sup>3</sup> ).	4.2 Mt or 3.3 Mm <sup>3</sup> (Slurry settled density 1.3 t/m <sup>3</sup> ).	Nil as of March 2019.	2,355,000	22,100,000
10. Planned Tailings Storage Impoundment Volume in 5 years time.	The mine is planned to be closed based on current reserves and TSF will be rehabilitated.	18.5 Mt or 14.2 Mm <sup>3</sup> (Slurry settled density 1.3 t/m <sup>3</sup> ).	30.4 Mt or 23 Mm <sup>3</sup> (Slurry settled density 1.3 t/m <sup>3</sup> ).	11,658,000	32,100,000

<b>11. Most recent Independent Expert Review</b>	Latest KP Audit undertaken August 2019.  Independent ICMI (Cyanide Code) audit undertaken August 2019	Latest KP Audit undertaken August 2019.  Independent ICMI (Cyanide Code) audit undertaken August 2019.	Latest KP Audit undertaken August 2019.  Independent ICMI (Cyanide Code) audit undertaken August 2019.	March 2020 (Knight Piesold)	March 2020 (BBA)
<b>12. Do you have full and complete relevant engineering records including design, construction, operation, maintenance and/or closure.</b>	Yes for Stages 1-5.  Stage 6/7 Construction completed in July 2019, report yet to be published.  Operating Manual refer to PE301-00167-04 TSF and WSD Operating Manual.	Yes for Stages 1-2.  Stage 3 Construction completed in July 2019, report yet to be published.  Operating Manual refer to PE401-00067_14 TSF, WSD and WHD Operating Manual.	Yes for Stage 1 which was completed as part of the CIL Project construction and commissioned in March 2019.  Operating Manual refer to PE301-00505_19 TSF Operating Manual.	Yes	Yes
<b>13. What is your hazard categorisation of this facility, based on consequence of failure?</b>	High C. (ANCOLD 2012).	High C. (ANCOLD 2012).	High C. (ANCOLD 2012).	High (ANCOLD)	Hiigh (CDA)
<b>14. What guideline do you follow for the classification system?</b>	Australian National Committee on Large Dams (ANCOLD 2012) Guidelines.	Australian National Committee on Large Dams (ANCOLD 2012) Guidelines.	Australian National Committee on Large Dams (ANCOLD 2012) Guidelines.	Australian National Committee on Large Dams (ANCOLD) guidelines	Canadian Dam Association (CDA)
<b>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).</b>	No.	No.	No.	No	No
<b>16. Do you have internal/in house engineering specialist oversight of this facility? Or do you have external engineering support for this purpose?</b>	External - Knight Piesold - who have been involved with each dam since inception.	External - Knight Piesold - who have been involved with each dam since inception.	External - Knight Piesold - who have been involved with each dam since inception.	External	External

<p><b>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?</b></p>	<p>Yes. Undertaken July 2016.</p>	<p>Yes. Undertaken 29 April 2019.</p>	<p>Yes. Undertaken during 2017/2018 design period.</p>	<p>Yes - July 2018</p>	<p>Yes- 2007</p>
<p><b>18. Is there a) a closure plan in place for this dam, and b) does it include long term monitoring?</b></p>	<p>Closure plan concept developed for Asset Reclamation Obligation. Detailed Closure Plan to be completed in Q4 2019.</p>	<p>Closure plan concept developed for Asset Reclamation Obligation. Detailed Closure Plan to be completed in Q4 2019.</p>	<p>Closure plan concept developed for Asset Reclamation Obligation. Detailed Closure Plan to be completed in Q4 2019.</p>	<p>Yes &amp; Yes</p>	<p>Yes &amp; Yes</p>
<p><b>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?</b></p>	<p>Yes. Due to location within considerable high rainfall area (average &gt;1.5m pa), TSF is monitored with respect to catchment and wet season runoff from surrounding landscape.</p> <p>TSF is also monitored in the case of extreme weather conditions. Example, in the event of a 1 in 100 AEP wet season or 72 hr flood.</p>	<p>Yes. TSF is monitored in the case of extreme weather conditions. Example 1 in 100 AEP wet season or 72 hr flood.</p>	<p>Yes. Due to location within considerable high rainfall area (average &gt;1.5m pa), TSF is monitored with respect to catchment and wet season runoff from surrounding landscape.</p> <p>TSF is also monitored in the case of extreme weather conditions. Example, in the event of a 1 in 100 AEP wet season or 72 hr flood.</p>	<p>No</p>	<p>No</p>
<p><b>20. Any other relevant information and supporting documentation.</b></p> <p><b>Please state if you have omitted any other exposure to tailings facilities through any joint ventures you may have.</b></p>	<p>Dam has a clay lining though no HDPE liner.</p> <p>There are monitoring bores around the dam and piezometers in the walls. There is zero evidence of any leakage.</p>	<p>Dam has a clay lining and a HDPE liner.</p> <p>There are monitoring bores around the dam and piezometers in the walls.</p> <p>TSF has been designed with Underdrainage and a Leakage Collection and Recovery System (LCRS). There is zero evidence of any leakage.</p>	<p>Dam has a clay lining and a HDPE liner.</p> <p>There are monitoring bores around the dam and piezometers in the walls.</p> <p>TSF has been designed with Underdrainage and a Leakage Collection and Recovery System (LCRS). There is zero evidence of any leakage.</p>	<p>Owned and operated by subsidiary SEMAFO Boungou S.A. Q16: Limited internal expertise - We rely on external support (geotechnical engineering firm)</p>	<p>Owned and operated by subsidiary SEMAFO Burkina Faso S.A. Q16: Limited internal expertise - We rely on external support (geotechnical engineering firm)</p>