

1. "Tailings Dam" Name/identifier	Mine	Besshi			
	Facility	care and maintenance			
2. Location	Koashidani	Daiichi-Tsudomae-Minami <sup>*1</sup>	Hinochi <sup>*1</sup>	IkadatsuKou-Minami <sup>*1</sup>	Kisoudani <sup>*1</sup>
	Bessyama-Koashidani, Nihama, Ehime, Japan 33° 51'10.48"N,133° 20'30.28"E	Bessyama-Tonaru, Nihama, Ehime, Japan 33° 51'25.54"N,133° 19'54.96"E	Bessyama-Ikadatsu, Nihama, Ehime, Japan 33° 51'0.16"N,133° 23'7.59"E	Bessyama-Ikadatsu, Nihama, Ehime, Japan 33° 50'48.27"N,133° 22'53.94"E	Bessyama-Kisoudani, Nihama, Ehime, Japan 33° 52'35.91"N,133° 18'57.95"E
3. Ownership	Sumitomo Metal Mining Co., Ltd.	Sumitomo Metal Mining Co., Ltd.	Sumitomo Metal Mining Co., Ltd.	Sumitomo Metal Mining Co., Ltd.	Sumitomo Metal Mining Co., Ltd.
4. Status	closed	closed	closed	closed	closed
5. Date of initial operation	1817	1965	unknown	1938	July 10, 1973
6. Is the Dam currently operated or closed as per currently approved design?	yes	yes	yes	yes	yes
7. Raising method	single dike	single dike	single dike	single dike	single dike
8. Current Maximum Height(meters)	25.3		3.0	3.0	57.0
9. Current Tailings Storage Impoundment Volume (m <sup>3</sup> )	1,100	17,200	1,400	40,000	172,153
10. Planned Tailings Storage Impoundment Volume in 5 years time.	1,100	17,200	1,400	40,000	172,153
11. Most recent Independent Expert Review	March 24, 2014	March 24, 2014	March 24, 2014	March 24, 2014	March 24, 2014
12. Do you have full and complete relevant engineering records including design, construction, operation, maintenance and/or closure.	yes	yes	yes	yes	yes
13. What is your hazard categorisation of this facility, based on consequence of failure? *2) evaluated the stabilization by the anti-earthquake based on the Mine Safety Act in Japan.	stable	stable	stable	stable	stable
14. What guideline do you follow for the classification system?	Mine Safety Act in Japan	Mine Safety Act in Japan	Mine Safety Act in Japan	Mine Safety Act in Japan	Mine Safety Act in Japan
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	no	no	no	no
16. Do you have internal/in house engineering specialist oversight of this facility? Or do you have external engineering support for this purpose?	both	both	both	both	both
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?	no	no	no	no	no
18a). Is there a closure plan in place for this dam,?	yes	yes	yes	yes	yes
18b). Does it include long term monitoring?	yes	yes	yes	yes	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	yes	yes	yes	yes
20. Any other relevant information and	none	none	none	none	none

\*1) waste rock dump