Investor Mining & Tailings Safety Initiative Questionnaire – Lynas Mt Weld

1. "Tailings Dam" Name/identifier	Mt Weld TSF1	Mt Weld TSF2	Mt Weld TSF3
2. Location	Latitude: 28°51'56.39"S Longitude: 122°31'28.82"E	Latitude: 28°51'56.33"S Longitude: 122°31'44.33"E	Latitude: 28°51'42.55"S Longitude: 122°31'40.31"E
3. Ownership	Mt Weld Mining Pty Limited	Mt Weld Mining Pty Limited	Mt Weld Mining Pty Limited
4. Status	Active	Active	Active
5. Date of initial operation	2011	2016	2018
6. Is the Dam currently operated or closed as per currently approved design?	Currently operated	Currently operated	Currently operated
7. Raising method	Not proposed for lift currently	Not proposed for lift currently	Approved for Downstream raise to 10m.
8. Current Maximum Height	5m	5m	Currently constructed to 5m Approved to be raised to 10m
9. Current Tailings Storage Impoundment Volume (million m^3)	0.42	0.31	0.15
10. Planned Tailings Storage Impoundment Volume in 5 years' time. (million m^3)	0.5	0.6	1.4
11.Most recent Independent Expert Review	2019	2019	2019
12. Do you have full and complete relevant engineering records including design, construction, operation, maintenance and/or closure.	Yes	Yes	Yes
13. What is your hazard categorisation of this facility, based on consequence of failure?	Significant	Significant	High C
14. What guideline do you follow for the classification system?	ANCOLD 2012	ANCOLD 2012	ANCOLD 2012
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
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
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?	Yes, 2011	Yes in 2014	Yes, 2018
18. Is there a) a closure plan in place for this dam, and b) does it include long term monitoring?	a) Yes b) Yes	a) Yes b) Yes	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	Yes	Yes
20. Any other relevant information and supporting documentation.	A purpose built MudMaster Amphirol is used to assist with drying and consolidation of tailings.	A purpose built MudMaster Amphirol is used to assist with drying and consolidation of tailings	A purpose built MudMaster Amphirol is used to assist with drying and consolidation of tailings