

Application ID	7595382
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Submission date	19/09/2019
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**Submission details**

Issue	Noise
Reference and page number (if known)	
Comment	During drilling activities the noise has carried across the Inverbrackie Creek Valley to the houses on the ridge. These noise levels have been well above ambient levels and do not reflect the sound contours in Terramins documentation that imply there is little additional noise impact beyond Terramin's boundary for construction and operation. This is not our experience. If this project is approved, there is no turning back the impact of noise on the amenity and ambience of the valley for residents, businesses and tourists alike. No amount of noise monitoring will reduce the noise to acceptable levels
Issue	Noise
Reference and page number (if known)	

Comment	Terramine's documents refer to day time noise levels being acceptable through to 10pm at night. This is not an acceptable definition of daytime (given kids go to sleep at 7pm). Daytime should be defined between regularly accepted working hours 7am to 6pm.
Issue	Groundwater/Grouting
Reference and page number (if known)	
Comment	That Grouting is necessary to restrict water inflows to the mine demonstrates why approval should not be give to the mine development - that the finite resource of water is going to be irreversibly impacted and grouting (designed to restrict groundwater movement) will induce a permanent and irreversible change to Groundwater systems.
Issue	Groundwater/MAR
Reference and page number (if known)	
Comment	Documents identify that the Tarcowie Siltstone exhibits evidence of structural control. This will limit re circulation of injected water back to where it originated from thus raising groundwater levels and pressures above ambient conditions. This will cause irreversible change to GW conditions.
Issue	Peer Reviews
Reference and page number (if known)	
Comment	Terramin's documents refer to numerous peer reviews of a range of reports. That Terramin no doubt paid for these reports to be undertaken present a clear conflict of interest with respect to the independents opinions and hence they should not be relied upon to provide impartial commentary to the risks and impacts of this development.