

# TBR18 - Seismicity

## Curraghinalt, Gortin

December 2025

### Response to Transboundary Consultation Representations – [REDACTED] (Mine Geotech)

Representation Ref	Comment/Issue	Addressed in applicant's submissions to date?	If not, Applicant's Response
TB1497 submitted by Environmental Law Ireland	We note that Donegal is amongst the most seismically active areas on the island of Ireland, and we also note the presence of the Omagh Thrust Fault. It appears that extensive explosive activity is proposed as part of the mining operation. It is singularly noticeable omission in the Non-technical summary – even in relation to impact on noise. But there is no mention of seismic or other implications or risks consequent on explosions, and cumulative effects without other mining and/or legal and illegal quarrying.	Yes – in FEI Appendix C21, Technical Report 18 on Seismicity and Rebuttal Report 18 on Seismicity	<p>Donegal is not in near/close proximity to the proposed mine site. The natural seismicity is very low in a national and global sense.</p> <p>There is no potential for activation on the Omagh thrust from the scale of mining, it is too far away. There is no intercept of the fault in any drilling and so no further explanation is required.</p> <p>Blast vibration has been dealt with previously in the submitted material. Blasting doesn't cause seismicity – void generation does and this is dealt with in the evidence; FEI Appendix C21, Technical Report 18 on Seismicity and Rebuttal Report 18 on Seismicity</p>