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**From:** Bob D Petrie  
**To:** MacNeil, Kim  
**Date:** 2/7/03 2:39pm  
**Subject:** Blast Delay

Whereas the blaster in this case-Dyno Nobel have stated that 25 ms would cut off the downlines resulting in a dangerous situation, I believe we have to accept that as an assumption. We do not have any basis on which to refute this, nor does it seem to be an unlikely claim.

The fact is that there are a number of variables which impact on how the ground will behave such as the hardness of the rock, the hole spacing, the size of the rock being sought, and these would have been accounted for by the blaster. As this blast is intended to be a "test" blast, the company will be attempting to represent conditions which are similar to those they would be operating under in normal operations, albeit on a smaller scale. Altering too many factors would render the data less useful.

I have 2 calls in to DFO to inquire whether 8 ms would be acceptable provided the company meets the ppv & overpressure requirements as they have proposed in their response to DFO's questions.