

MEMORANDUM

TO: Justin Harrow, Hastings County
HarrowJ@hastingscounty.com

FROM: John Emeljanow

DATE: December 7, 2018

RE: Peer Review of Noise and Vibration Studies
Freymond Quarry

FILE: 117-0167

VIA E-MAIL

A review of the August 22, 2018 email from Brian Zeman of MHBC Planning, responding to our peer review comments provided in a memo dated August 9, 2018, “*Blast Impact Analysis, Freymond Quarry*”, dated September 25, 2018, prepared by Explotech Engineering Ltd., and a covering letter from Explotech Engineering Ltd., dated September 25, 2018 have been completed. Our comments and recommendations are provided below.

Noise Impact Study

1. Most of the issues identified in our August 9, 2018 peer review memorandum have been appropriately addressed. However, there remain a few items that need to be considered:
 - a. We have not received copies of the latest Site Plans for the quarry. As indicated in the response of the report, the recommended noise mitigation measures will be included on the ARA Site Plans.
 - b. The noise mitigation recommendations should include a requirement that equipment be located no more than 25 m from the working face to be consistent with the noise mitigation measures accounted for in the noise study; and
 - c. The Site Plans must include the requirement for the noise audit.

Blast Impact Analysis

1. The cover letter and modifications to the report appropriately address our peer review comments.

If there are any questions or if additional information is needed, please do not hesitate to call.

JE
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