

MEMORANDUM

TO: Sam Greenwood, Greenwood Aggregates Limited

VIA E-MAIL

FROM: John Emeljanow

DATE: July 6, 2017

RE: Sound Impact Analysis
Violet Hill Pit

FILE: 114-310

Our understanding is that the Ministry of Transportation is not permitting direct access from the proposed pit to Highway 89, as was shown on the Site Plans at the time our noise impact study was prepared. As a result, an alternate entrance option is being considered. We have assessed the impact the alternate entrance has on the on-site noise mitigation requirements. Our findings are summarized below.

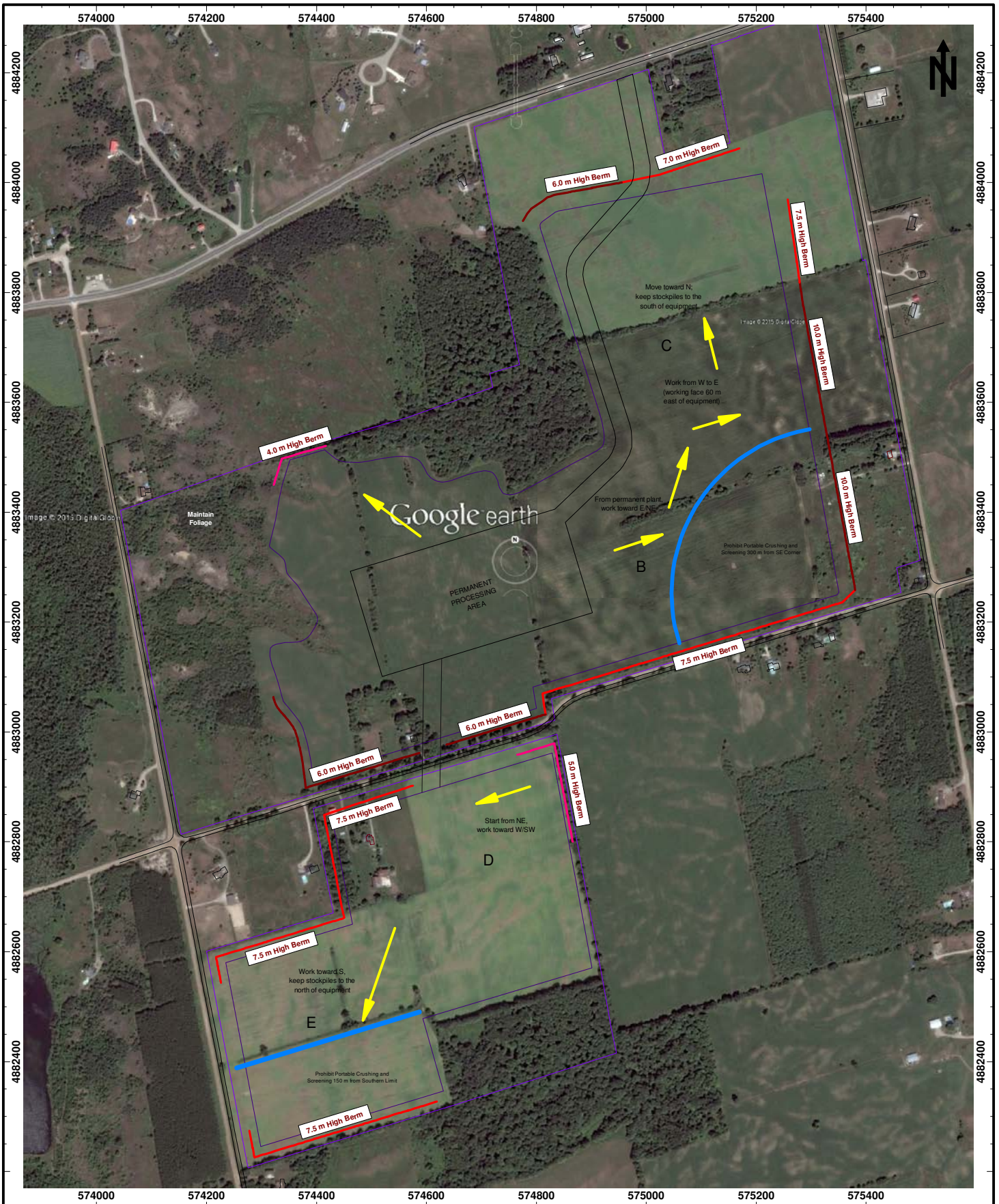
The alternate site entrance location is at 3rd Line East, approximately 500 m south of Highway 89. From this entrance location, trucks will head in southeasterly direction to the west of the permanent processing plant. Our analysis of the revised site entrance location indicates that some additional acoustical screening is required to protect R14. A 4.0 m high berm, as shown on Figure 1, is recommended.

Our assessment also indicates that moving the site entrance to the 3rd Line East location has no impact on the noise mitigation requirements in Areas A, B, D and E. For Area C, the northern berm that had returns along the site entrance (original shown in the noise report) could be simplified by joining the two berms and eliminating the returns. In addition, the height of these berms can be reduced by 0.5 m. See Figure 2 attached. All other mitigation recommendations (i.e. direction of extraction, etc.) for Area C remain unchanged from our original report.

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



	Title	Proposed Haul Route	Date	2017-07-06	
	Project Name	Violet Hill Pit/Town of Mono	Project No.	114-310	
				Figure	1



	Title	Mitigation Requirements	Date	2017-07-06
	Project Name	Violet Hill Pit/Town of Mono	Project No.	114-310
				Figure
				2