



March 11, 2022

Sandhill Materials Inc.
Kitimat, BC
V8C 2G7

CONFIDENTIAL
FILE: ENG.KGEO03485-01
Via Email: Keith@arthon.com

Attention: Keith Meldrum – VP Special Projects & Administration

Subject: Waste Soil Storage Facility – Sandhill SSA
Geotechnical Peer Review Tetra Tech Response

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Tetra Tech Canada Inc. (Tetra Tech) was retained by Sandhill Materials Inc. to undertake a geotechnical assessment of the proposed waste Soil Storage Areas (SSA) at Areas 1, 2, and 5 (referred to as the Lower Storage Area) in Sandhill's current mine facility in Kitimat, BC.

Sandhill has provided Tetra Tech a Geotechnical/Geophysical Investigation Report for the Lower Storage Area of the proposed project previously carried out by Knight Piesold Consulting Ltd., dated February 28, 2020 (Knight Piesold, 2020), and preliminary conceptual drawings prepared by McElhanney Ltd., dated May 27, 2021.

Pursuantly, Tetra Tech initially undertook a field investigation and geotechnical assessment to inform the intended design. The preliminary recommendations were provided in our report entitled "*Waste Soil Storage Facility Geotechnical Assessment Report – IFR*" dated October 6, 2021 (Tetra Tech, 2021).

In addition to above, WSP Canada Inc. (WSP) was retained to carry out a geotechnical peer review of the Knight Piesold report and provide general requirements for a geotechnical assessment of the proposed SSAs. Tetra Tech confirms we have reviewed the 'Geotechnical Peer Review' letter prepared by WSP (dated: October 6, 2021) and subsequently updated our Geotechnical Assessment Report to address peer review comments by incorporating the following information into our report:

- Preliminary Geohazard Assessment,
- Description of Surficial Geology and Bedrock Geology,
- Site Stratigraphy, Groundwater Conditions, Permeability and Characterization of Storage Material,
- Seismic Hazard and Liquefaction Assessments,

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- Stability Analysis Results,
- Embankment Construction Recommendations, and
- Road Section Design Parameters.

We trust this letter meets your present requirements. If you have any questions or comments, please contact the undersigned.

Respectfully Submitted,
Tetra Tech Canada Inc.

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