

Ministry of Mines

Ontario Geological Survey

435 James St. S., Suite B002

Thunder Bay, ON P7E 6S7

Tel.: 807-475-1332

Fax.: 807-475-1112

Ministère des Mines

Commission géologique de l'Ontario

435 James St. S., Suite B002

Thunder Bay, ON P7E 6S7

Tél. : 807-475-1332

Télééc. : 807-475-1112

Kerri Reid, Secretary-Treasurer
Municipality of Oliver Paipoonge
3250 Highway 130
Rosslyn, ON P7K 0B1
planning@oliverpaipoonge.on.ca

June 8, 2023

Dear Ms. Reid:

Subject: SD01-2022 – Application for 12-lot subdivision – Cooper Road (CON 1&2 N/R PT LOT 7), Municipality of Oliver Paipoonge, Geographic District of Thunder Bay

Thank you for the opportunity for the Ministry of Mines (MINES) to provide input on an application for a 12-lot subdivision off of Cooper Road in the Municipality of Oliver Paipoonge.

The MINES Regional Land Use Geologist's planning interests are related to the wise use and management of resources (Section 2.4, PPS 2020) and the protection of public health and safety (Section 3.2, PPS 2020).

The subject property was checked for mining land tenure, geology, mineral deposits, mineral potential, and abandoned mine site hazards, with the following results:

- The subject property is of non-mining land tenure with both surface and mining rights. There are no active mining claims or mining patents within 1 km of the subject property. Information obtained from the Mining Lands Administration System (MLAS).
- The proposed new lots are underlain by Paleoproterozoic sedimentary rocks of the Gunflint Formation (Type 24b). Bedrock geology information is taken from MINES Dataset MRD 126-Rev 1, 1:250,000 scale Bedrock Geology of Ontario, OGS, 2011.
- There are no known or recorded Ontario Mineral Inventory (OMI) site(s) within 1 km of the proposed new subdivision.

- There are no known or recorded Abandoned Mines Information System (AMIS) sites within 1 km of the subject property. The abandoned mines information system (AMIS) dataset is current to April 2022. As always, the information provided in the AMIS database has been compiled from various sources and the Ministry of Mines (MINES) makes no representation and takes no responsibility that such information is accurate, current or complete. The user is warned to undertake his or her own independent investigation to validate the information.
- The mineral potential was determined from data shown on the MMPET Index map for this area. MMPET is based on a GIS application that provides a high-level, regional scale illustration of the likelihood of any given parcel of land to be prospective for a metallic mineral resource. A score of 65 or more indicates significant mineral potential. The estimated metallic mineral potential index for the entire subject property is moderate (60.1-70).

Bedrock geology maps, Ontario Mineral Inventory, and Abandoned Mines records are available for viewing or free download through the Geology Ontario at: <https://www.hub.geologyontario.mines.gov.on.ca/>. Official mining claim information is available through the MLAS Map Viewer application which is updated daily, and can be found at: <https://www.mndm.gov.on.ca/en/mines-and-minerals/applications/mlas-map-viewer> .

MINES has no further comments regarding this application. Let me know if you have any questions.

Sincerely,

A handwritten signature in blue ink that reads "Sarah Ferguson".

Sarah Ferguson, M.Sc., P.Geo.
Regional Land Use Geologist - NW Region
Resident Geologist Program
Phone: 807-707-7463
Sarah.Ferguson@ontario.ca