



Minerals Exploration Plan on State Nonferrous Metallic Minerals Leases

Submitted by [Vermillion Gold Inc.](#) on December 2, 2021, amended February 14, 2022, and summarized here by DNR Division of Lands and Minerals

Amended exploration summary: Vermillion Gold Inc. (VGI) submitted a proposed plan to explore for metallic mineral deposits on leased state mineral rights about 11 miles southeast of Big Fork, Minnesota in Itasca County (Figure 1). VGI's plan proposes drilling exploratory borings. VGI drilled exploratory borings in the area each of the last two winters.

This winter, VGI plans to drill exploratory borings at 17 drill sites using the rotosonic drilling method and 2 drill sites using the diamond core method. All proposed drilling will occur under adequately frozen conditions, according to the exploration plan. The original plan and amendment say VGI will seal the borings following regulations set by the Minnesota Department of Health.

Exploration is proposed on the following State nonferrous metallic minerals leases: MM-10059-P and MLMN200033.

Public Land Survey location: Part or all of Sections 8 and 17 of T60N R24W as shown on Figure 1

Types of exploration activity: Rotosonic and diamond core drilling

Expected time of activity: Upon authorization by DNR through March 31, 2022

Access: VGI will access the leased lands by existing public and forest road network, and other existing access routes. New temporary trails are proposed to reach the drill sites.

Surface ownership: The exploration activity proposed will occur on private and Itasca County administered lands. VGI's plan states it already has an agreement for access on private lands. Upon DNR approval, VGI has the right to explore state-owned lands consistent with the exploration plan, any stipulations, and applicable laws and rules.

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This report is posted on the [DNR's exploration plan webpage](#).

Maps and Data Disclaimer

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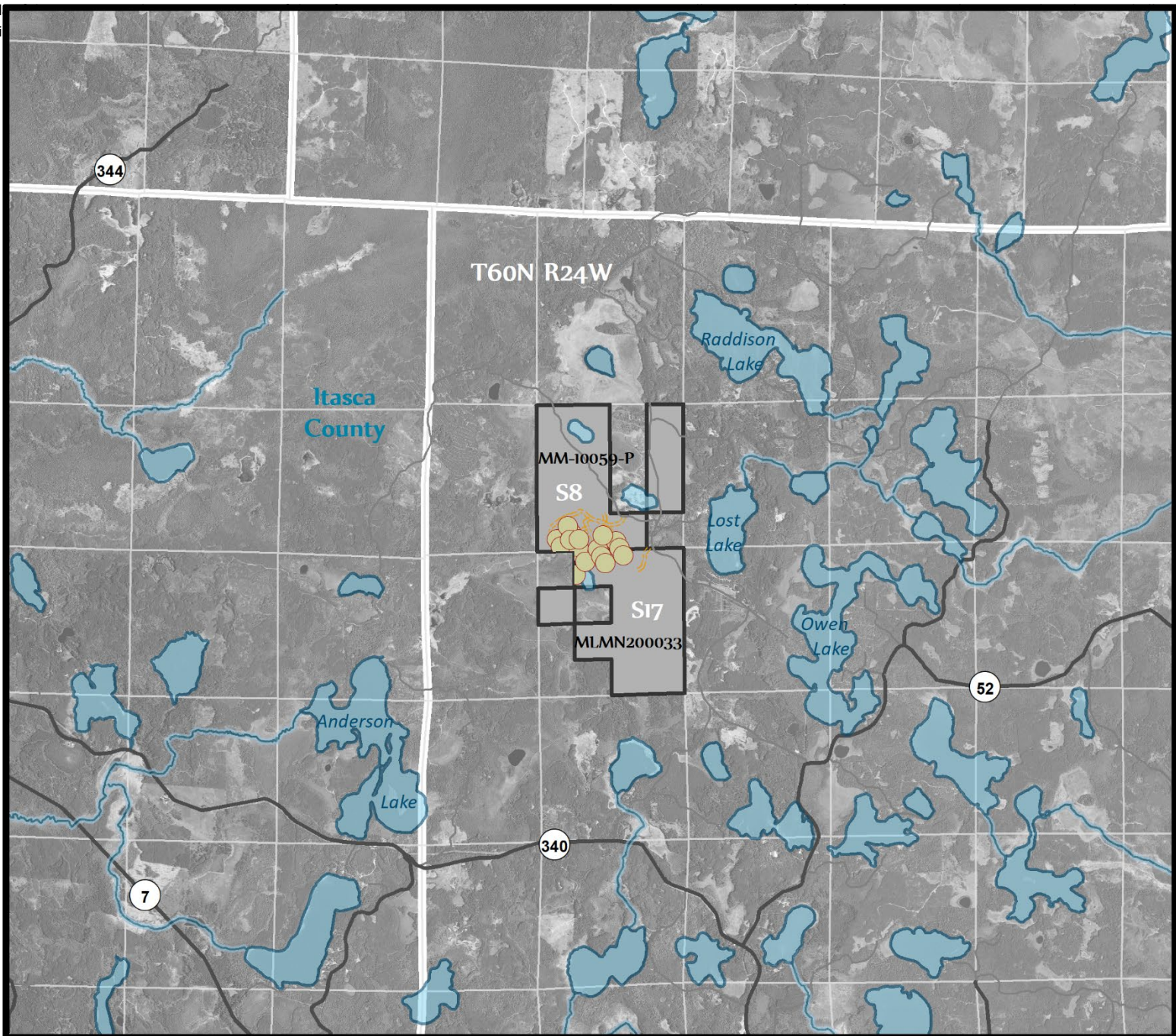





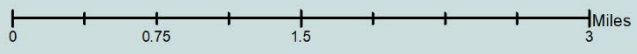


Figure 1. DNR Overview Map of Exploration Plan

-  State Nonferrous Metallic Mineral Leases
-  Proposed Exploratory Boring Sites
-  Access Trails
-  State, County, Local, Pit, and Forest Roads
-  Public Waters



Environmental features intersecting leases with proposed exploration are shown.

This map is for reference purposes only. The State of Minnesota's land and mineral interests GIS data including lease boundaries is mapped at 40 acre Public Land Survey resolution.

GIS Data Sources - Exploration areas as provided by the Explorer. State minerals leases, public waters inventory, and PLS boundaries from DNR. Highways and roads from MnDOT. Aerial photography from Farm Service Agency.

