



# Minerals Exploration Plan on State Nonferrous Metallic Minerals Leases

Submitted by Encampment Minerals, Inc. on January 15, 2020 and summarized here by the DNR Division of Lands and Minerals

**Narrative:** Encampment Minerals, Inc. (Encampment) proposes to continue exploration for metallic mineral deposits in St. Louis County about 5 miles south of Hoyt Lakes, Minnesota. Encampment has drilled in this area since 2009 on an intermittent basis.

Encampment plans to drill exploratory borings in bedrock at up to 15 sites using the diamond core drilling method. The borings will be drilled and then temporarily or permanently sealed following regulations set by the Department of Health. Encampment, based on exploration results and site conditions, may adjust some of the drill sites up to 500 feet from the sites depicted in the summary map. All drill sites will be located at least 300 feet from water bodies.

All exploration work will occur in winter when the ground is adequately frozen. New temporary access trails are proposed to reach some drill sites.

**State nonferrous metallic minerals lease numbers:** MM-10256-N, 10207-N, and 10208-N.

**Public Land Survey location:** Sections 3 and 4 of T57N R14W.

**Types of exploration activity:** Exploratory borings and down hole geophysical surveys.

**Expected time period of activity:** January 31, 2020 through March 2021.

**Access:** Encampment will use public roads, forest roads, other existing access trails and clear new trails.

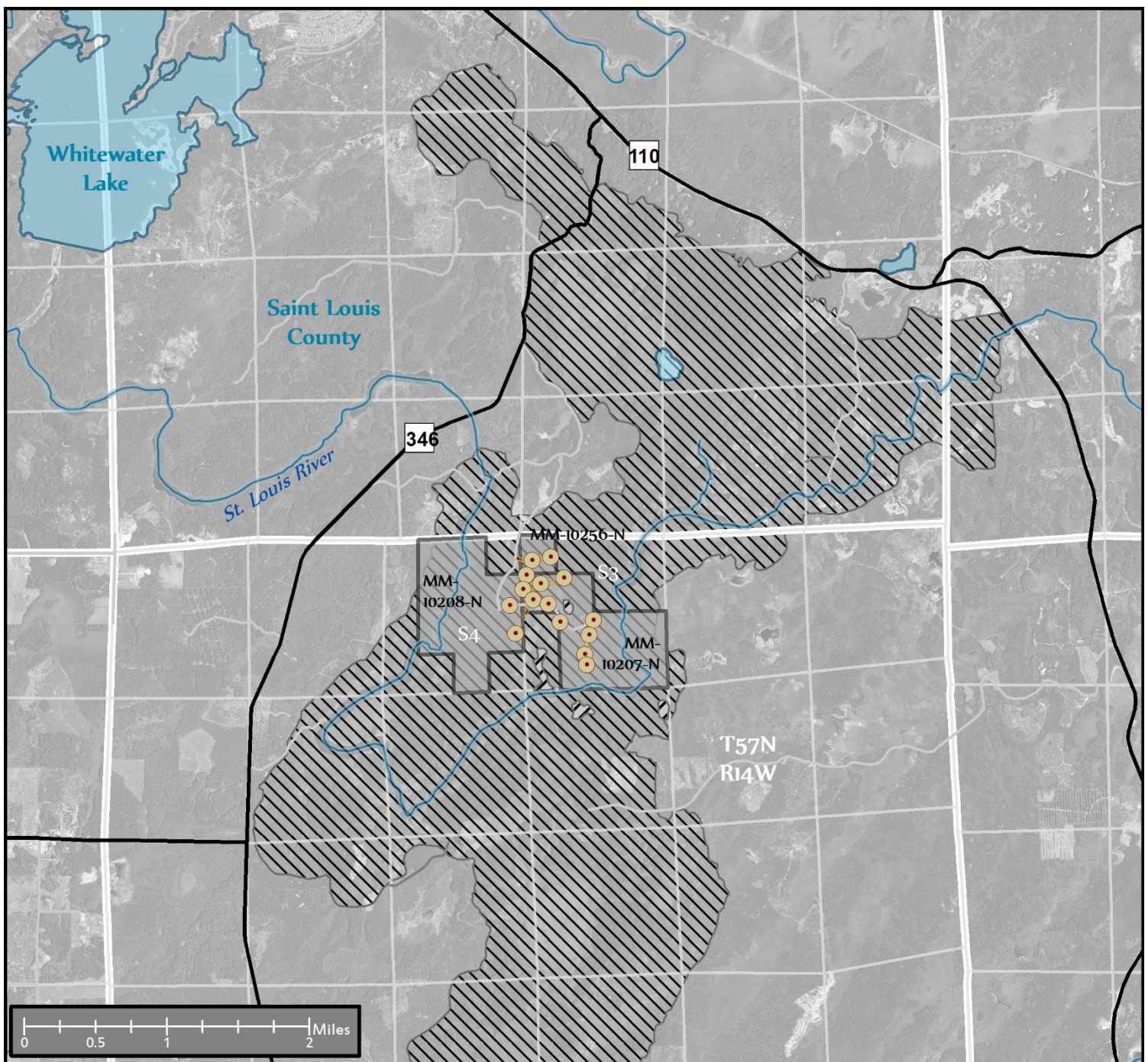
**Surface ownership:** Upon DNR approval, which may include stipulations, Encampment may proceed as described in the exploration plan on state-owned surface lands and other lands covered by state leases after coordinating with the affected landowners for access.

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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 Summary Map of Exploration Plan**

-  Proposed Exploratory Boring Sites
-  State Nonferrous Metallic Mineral Leases
-  Native Plant Communities Potential S2
-  MBS High Biodiversity Significance

-  State, County, Local, Pit, and Forest Roads
-  Access Trails
-  Public Waters

*This map is for reference purposes only. Environmental features intersecting proposed exploration leases are shown. The State of Minnesota's land and mineral interests including lease boundaries are mapped at 40 acre Public Land Survey resolution.*

Data Sources: Exploration areas as described by the Explorer. State minerals leases, public waters inventory, special features, and PLS boundaries from DNR. Highways and roads from MnDOT. 2010 aerial photography from Farm Service Agency.

