



# Minerals Exploration Plan on State Nonferrous Metallic Minerals Leases

Submitted by AngloGold Ashanti Minnesota on December 3, 2018 and summarized here by the DNR Division of Lands and Minerals

**Narrative:** AngloGold Ashanti Minnesota (AGAM) proposes to explore for metallic mineral deposits in Itasca County, Minnesota in an area west of Bass Lake, east of Thistledeew Lake, and South of State Highway 1 (Figure 1). AGAM plans to drill exploratory borings at 33 sites using the roto sonic drilling method. Rotosonic drilling uses high frequency vibration of the drill bit to advance and collect cores of soils, glacial sediments, and a short length of the underlying bedrock. The borings will end shortly after the top of bedrock is encountered and then be permanently sealed.

**Exploration is proposed on the following State nonferrous metallic minerals leases:** MLMB200102, MLMB200106, MLMB200107, MLMB200113, MLMB200142, MLMB200143, MLMB200149, MLMB200150, MLMB200151, and MLMB200153.

**Public Land Survey location:** Sections 1, 2, 10, 11, 12, and 15 of T61N R24W; and Sections 7, 15, 16, and 22 of T61N R23W.

**Types of exploration activity:** Exploratory borings (roto sonic drilling).

**Expected time period of activity:** December 2018 through April 2019.

**Access:** AGAM will use existing public roads, state forest access roads, and other access trails to get to the drill sites. Mowing and brushing are anticipated at the boring sites and some access trails. AGAM does not propose new roads or trails.

**Surface ownership:** AGAM will coordinate with the Itasca County Land Department, Molpus/Meriwether Minnesota Land and Timber and Blandin/UPM for access. Upon DNR approval, which may include stipulations, AGAM will have the right to explore as described in the exploration plan on state-owned surface lands. AGAM will have the right to explore on other lands covered by state mineral lease upon gaining access.

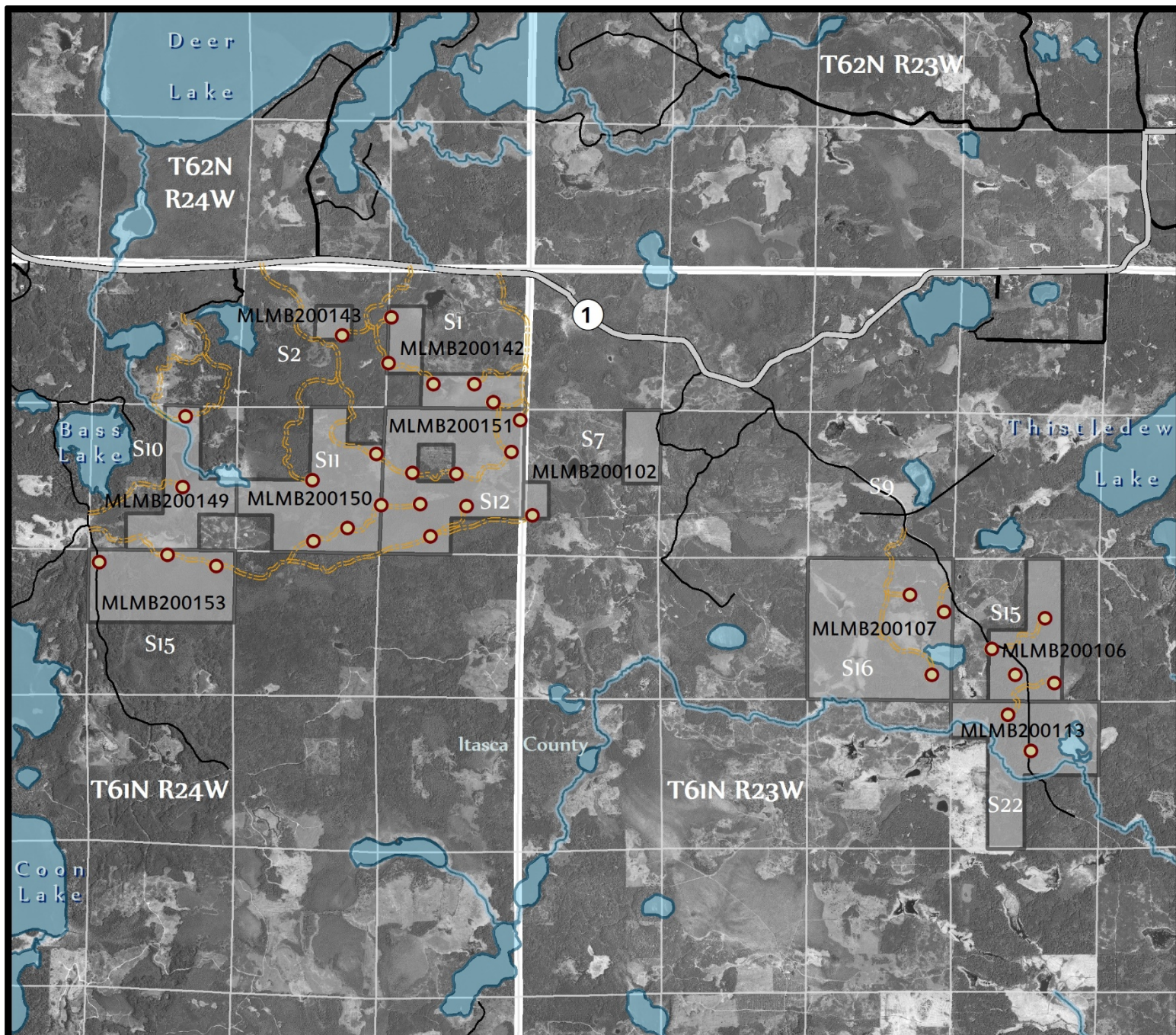
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This report is posted on the [DNR's exploration plan webpage](#).

**Maps and Data Disclaimer**

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**Figure 1. DNR Summary Map of Exploration Plan**

