Overview Map for MMG USA Exploration Plan, page 1

Date Submitted to DNR: 8/1/2014

Purpose: The locations of proposed exploration activities by state mineral lessees are shown in a standard format and legend. Map by DNR, Lands and Minerals Division, August 2014.

Lessee: MMG USA Exploration LLC (MMG)
Lessee Contact Person: James Shannon: (720) 881-6965
State Mineral Lease Number: MM-10490
Location on Public Land Survey: T47N-R23W Section 27, Aitkin County

Types of Activity: Ground-based geophysical surveys: magnetic, electromagnetic, and gravity. These types of surveys will involve walking on the land with portable equipment.

Time Period for Activity: Beginning August 2014
New Access Trail or Road: No, there is a pre-existing private road as shown on the map.

Narrative: The exploration plan submitted to the DNR by MMG proposes to complete three types of ground-based geophysical surveys (magnetic, electromagnetic, and gravity) over state minerals lease number MM-10490. The surface at this location is privately held. MMG has been actively working to obtain a Surface Use and Exploration Agreement with the private surface owners.

Map Symbols

Proposed Exploration Activities on State Minerals Lease MM-10490
- Three types of ground-based geophysical surveys: magnetic, electromagnetic, and gravity
- Pre-existing private road

State Leases for Nonferrous Metallic Minerals
- Active State Mineral Lease for this Exploration Plan: Labeled by Mineral Lease (e.g. MM-10490)

Exclusionary Features on the map
- The beds of rivers or streams in DNR’s Public Waters Inventory

Natural Heritage Features and Historic or Archaeologic Sites are not shown because they are non-public data.

Special Features on the map
- National Wildlife Refuge - Rice Lake

Other symbols
- Township and Range Boundaries
- Section Boundaries
- Civil Division Boundaries
- State Highway
- County Roads
- Other Roads
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