

**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

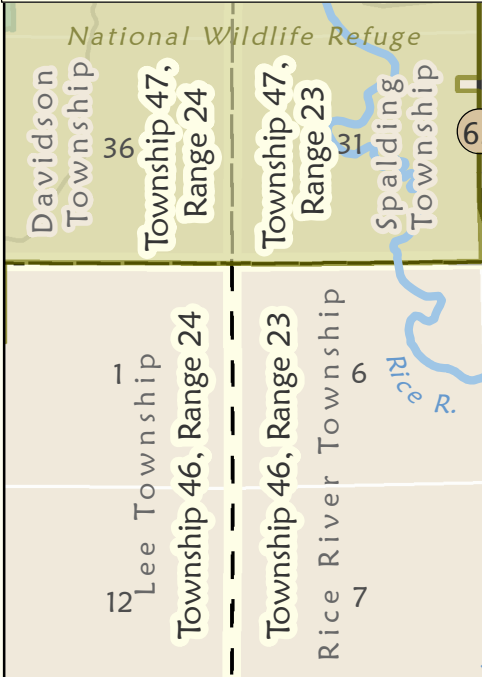
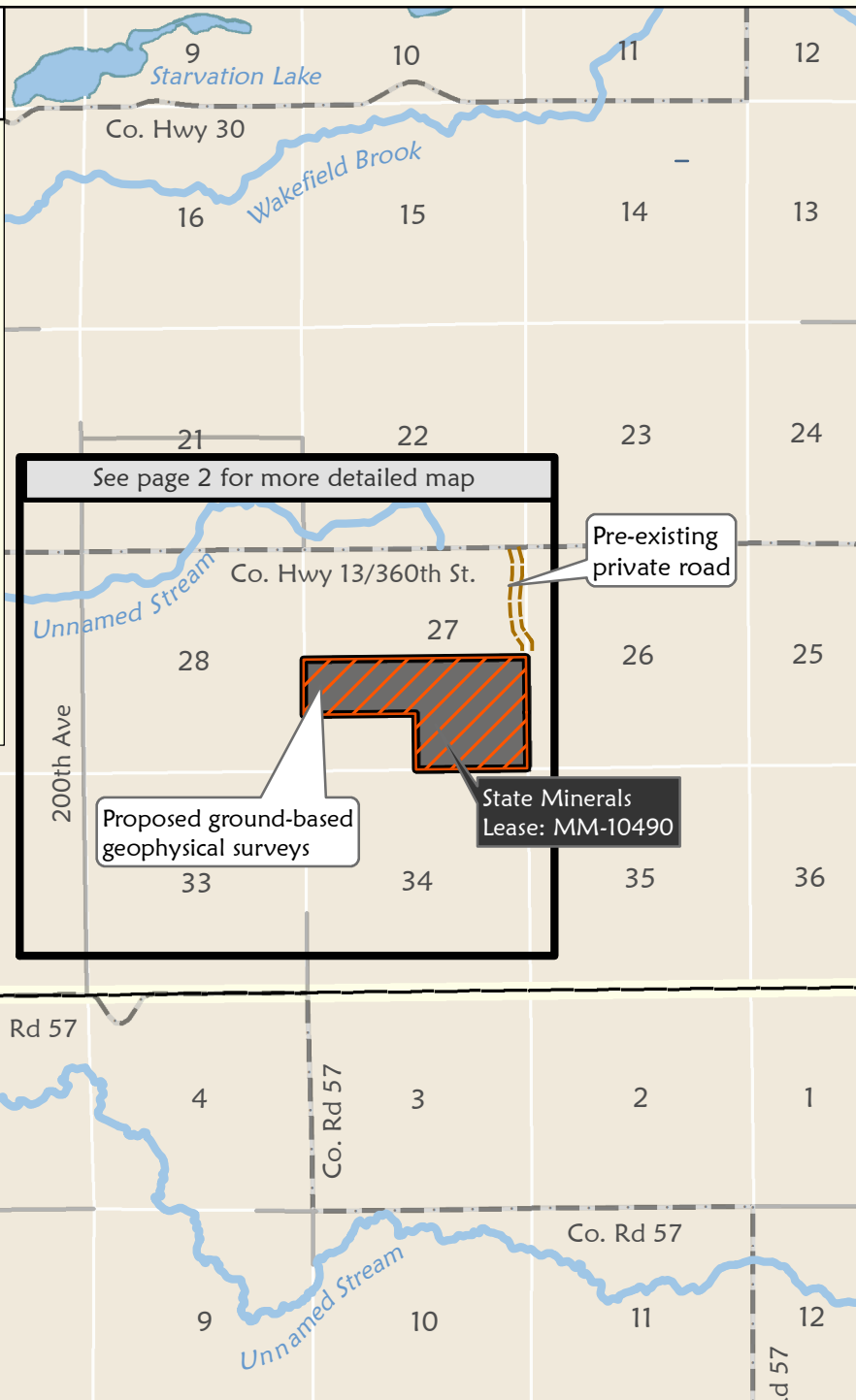
Location on Public Land Survey: T47N-R23W Section 27, Aitkin County

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
- Special Features on the map**
- National Wildlife Refuge - Rice Lake
- Natural Heritage Features and Historic or Archeologic Sites are not shown because they are non-public data.*
- Other symbols**
- Township and Range Boundaries
 - Section Boundaries
 - Civil Division Boundaries
 - State Highway
 - County Roads
 - Other Roads
- 0 0.5 1 2 Miles



Overview Map for MMG USA Exploration Plan, page 2
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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

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Disclaimer for Maps and Data:
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Map Symbols See legend on page 1 for other symbol descriptions.

Proposed Exploration Activities on State Minerals Lease MM-10490

-  Three types of ground-based geophysical surveys: magnetic, electromagnetic, and gravity
-  Pre-existing private road
-  Approximate 40 acre parcels in exploration plan area on state minerals lease

State Leases for Nonferrous Metallic Minerals

-  Active Lease for this Exploration Plan: MMG Labeled by Mineral Lease# (e.g. MM-10490)

Basemap: 2013 DNR True color Air Photo and LIDAR shaded relief.
 See page 1 legend for other map symbol descriptions shown here (special features, roads, political bounds, etc.).

