

# Overview Map for Kennecott Exploration Plan, page 1

**Date Submitted to DNR: 11/24/2014**

**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, December 2014.

**Date Proposal Submitted to DNR:** November 24, 2014

**Lessee:** Kennecott Exploration Company

**Lessee Contact Person:** John Storie: (218) 768-3292 or john.storie@riotinto.com

**State Mineral Lease Numbers:** MM-9765-P, MM-9766-P, MM-9768-P, MM-9770-P, MM-10007-N, MM-9849-N, MM-10010-N, MM-9806, MM-10126-N

**Location on Public Land Survey:** T48N-R22W Sections 3, 10, 15 and 23 and T49N-R22W Sections 27, 34 and 35, Aitkin County. T47N-R21W Section 6 and T48N-R21W Section 20, Carlton County.

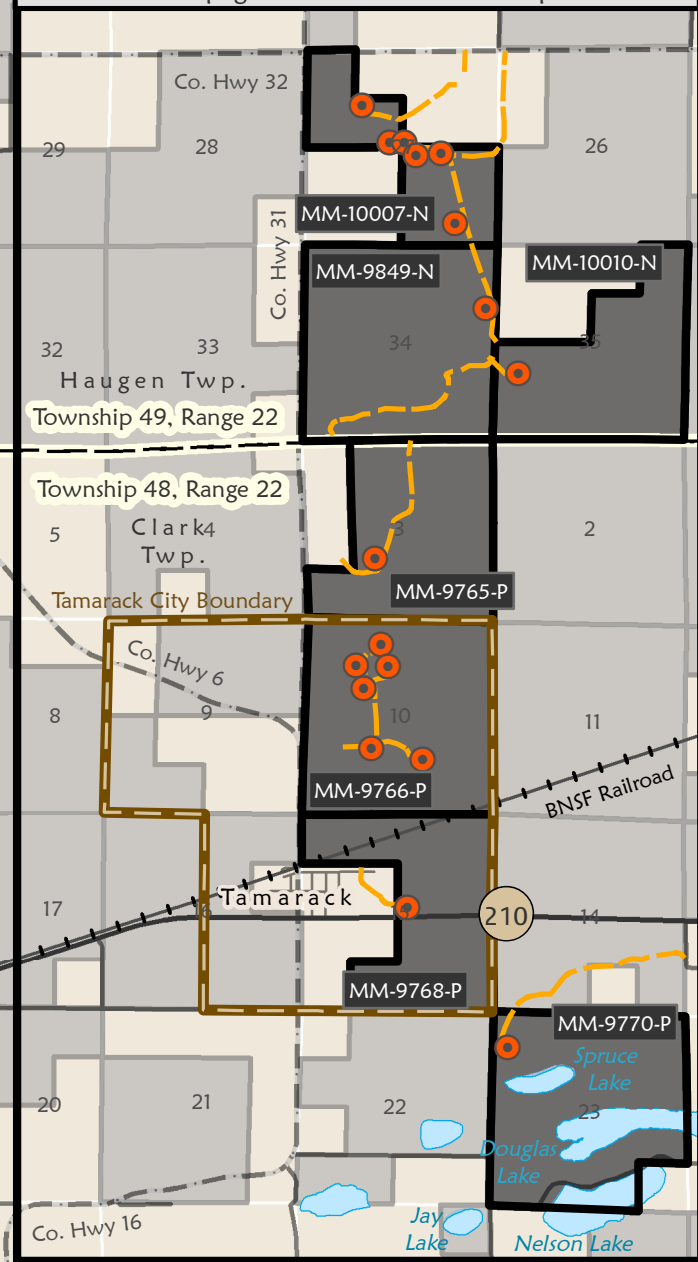
**Types of Activity:** Exploratory borings, sealing the borings, down-hole geophysics and ground geophysical surveys

**Time period for activity:** December 15, 2014 to approximately April 15, 2015.

**New Access Trail Location:** Existing trails

**Narrative:** The explorer has proposed to drill approximately 20 to 40 exploratory borings. The explorer has also proposed to conduct geophysical surveys in the bore holes and on the ground. The explorer has agreements or leases for the surface and mineral ownership on the parcels involved.

See page 2 for more detailed map



## Map Symbols

### Proposed Exploration Activities on State Leases

- Proposed Drilling Areas: Borings, down-hole geophysics, & ground geophysics
- Existing access trails: When ground conditions are frozen, drill sites in the wetlands will be built by packing or clearing snow so that the ground is sufficiently frozen and stable; composite mats may be placed, if it is deemed necessary for safety reasons

### State Leases for Nonferrous Metallic Minerals

- Active Lease for this Exploration Plan: Kennecott Exploration Co., Labeled by Mineral Lease (e.g. MM-9765-P)
- Other Active Leases

### Exclusionary Features at this map extent

- The beds of lakes in the DNR's Public Waters Inventory
- The beds of major or significant rivers in DNR's Public Waters Inventory

### Special Features at this map extent

- Wildlife Management Area (WMA)

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

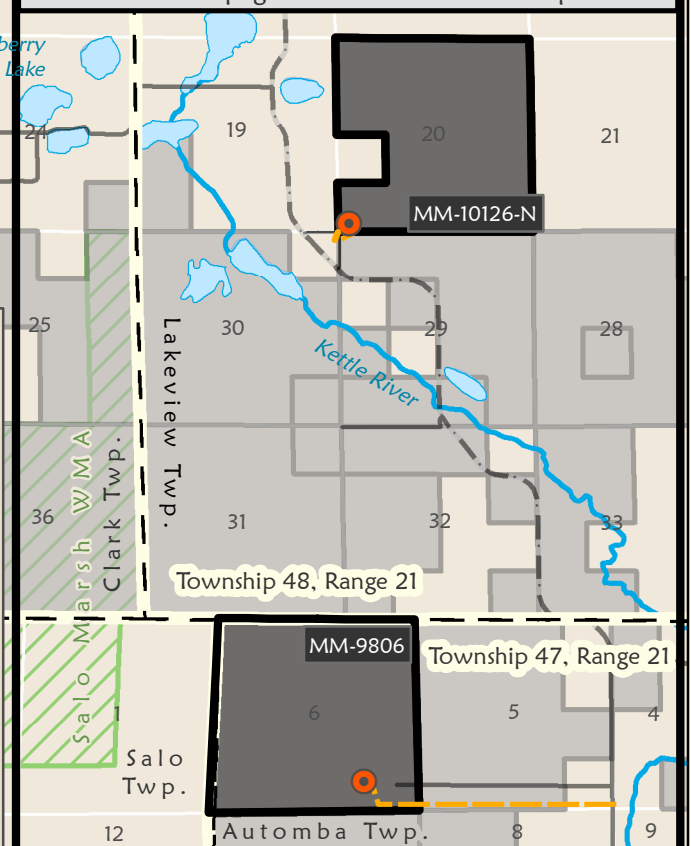
### Other symbols

- Township and Range Boundaries
- Political Township Boundaries
- Section Boundaries
- Municipal Boundaries
- State Highway
- County Roads
- Other Roads (Township, Muni, Forest)

0 0.5 1 2 Miles Scale 1:63,360



See page 3 for more detailed map





*Overview Map for Kennecott Exploration Plan, page 2*  
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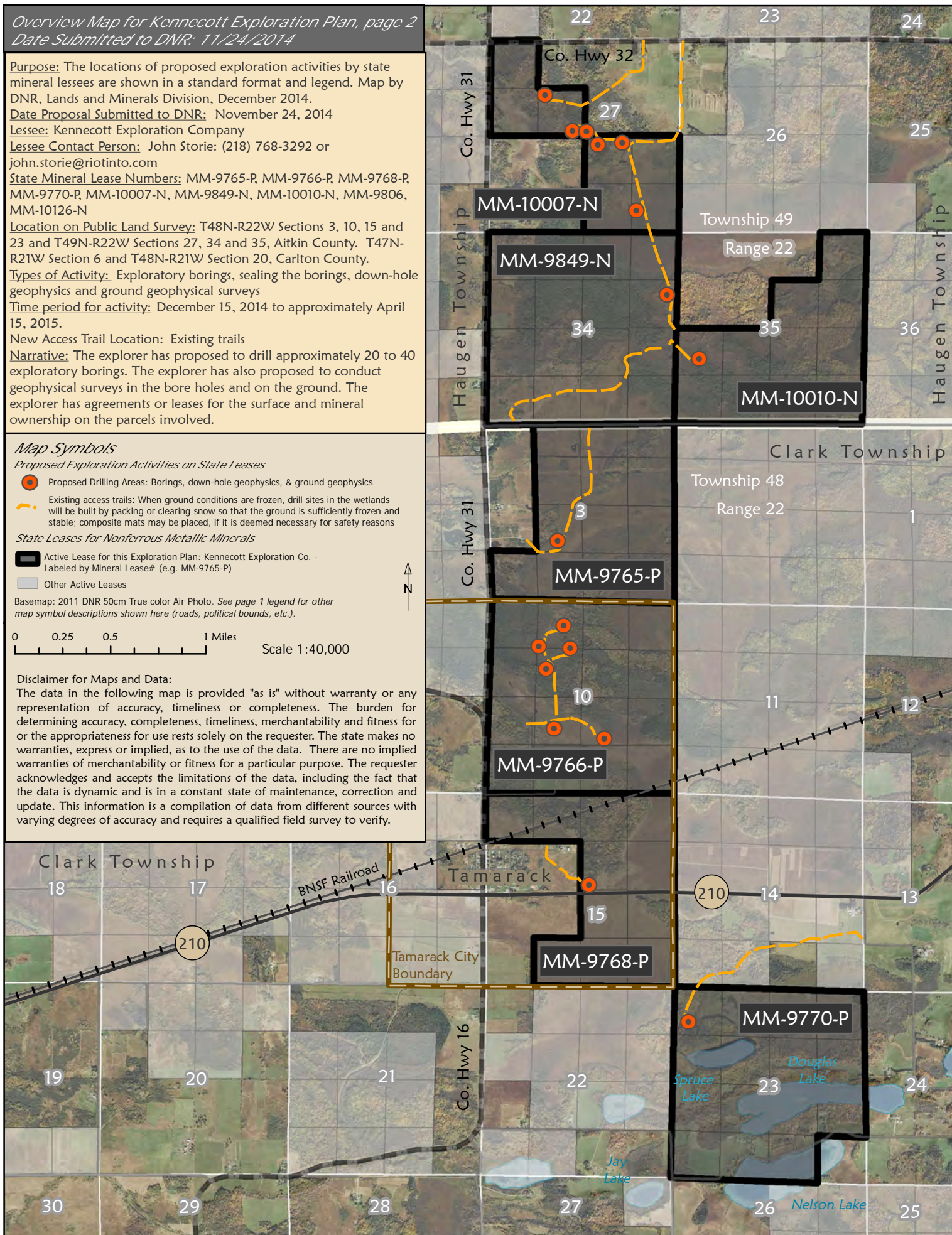
Basemap: 2011 DNR 50cm True color Air Photo. See page 1 legend for other map symbol descriptions shown here (roads, political bounds, etc.).

0 0.25 0.5 1 Miles

Scale 1:40,000

**Disclaimer for Maps and Data:**

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