Purpose: The locations of proposed exploration activities by state mineral lessees are shown in a standard format and legend. Map created by DNR, Lands and Minerals Division, April 2015.

Date Proposal Submitted to DNR: April 15, 2015

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-9849-N

Location on Public Land Survey: T48N-R22W Sections 3, and 10; T49N-R22W Section 34, Aitkin County.

Types of Activity: Exploratory borings, sealing the borings, down-hole geophysics, and ground geophysics.

Time period for activity: Commence on or after May 15, 2015 and all activities completed by November 6, 2015.

Access Trails: Explorer will use existing trails.

Narrative: The explorer proposes to drill approximately 10 to 25 exploratory borings. The explorer has also proposed to conduct geophysical surveys in the bore holes and on the ground. Kennecott has submitted a request to the US Army Corp of Engineers for a wetlands permit, which includes section 34 of T. 49, R. 22. The explorer has agreements or leases for the surface and mineral ownership on the parcels involved. Kennecott Exploration Company has been exploring for copper, nickel and platinum group elements in this area since the year 2000.
**Overview Map for Kennecott Exploration Plan, page 2**

**Date Submitted to DNR: 04/15/2015**

**Purpose:** The locations of proposed exploration activities by state mineral lessees are shown in a standard format and legend. Map created by DNR, Lands and Minerals Division, April 2015.

**Date Proposal Submitted to DNR:** April 15, 2015

**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-9849-N

**Location on Public Land Survey:** T48N-R22W Sections 3, and 10; T49N-R22W Section 34, Aitkin County.

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

**Time period for activity:** Commence on or after May 15, 2015 and all activities completed by November 6, 2015.

**Access Trails:** Explorer will use existing trails.

**Narrative:** The explorer proposes to drill approximately 10 to 25 exploratory borings. The explorer has also proposed to conduct geophysical surveys in the bore holes and on the ground. Kennecott has submitted a request to the US Army Corp of Engineers for a wetlands permit, which includes section 34 of T. 49, R. 22. The explorer has agreements or leases for the surface and mineral ownership on the parcels involved. Kennecott Exploration Company has been exploring for copper, nickel and platinum group elements in this area since the year 2000.

**Map Symbols**

**Proposed Exploration Activities on State Leases**
- **Proposed Drilling Areas:**
  - Exploratory Borings and down-hole geophysics
  - Existing access trail

**State Leases for Nonferrous Metallic Minerals**
- **Active Lease for this Exploration Plan:**
  - Kennecott Exploration Co. - Labeled by Mineral Lease# (e.g. MM-9765-P)

**Wetland Permits from US Army Corp of Engineers**
- **Permit Boundary:** USACE (U.S. Army Corps of Engineers) wetland permits to Kennecott
- **Proposed Permit Boundary:** Kennecott submitted application to USACE for wetlands permit in this area

**Disclaimer for Maps and Data:** The data in the following map is provided "as is" without warranty or any representation of accuracy, completeness. The burden for determining accuracy, completeness, timeliness, merchantability and fitness for or the appropriateness for use rests solely on the requester. The state makes no warranties, express or implied, as to the use of the data. There are no implied warranties of merchantability or fitness for a particular purpose. The requester acknowledges and accepts the limitations of the data, including the fact that the data is dynamic and is in a constant state of maintenance, correction and update. This information is a compilation of data from different sources with varying degrees of accuracy and requires a qualified field survey to verify.