Map for Kennecott Exploration Company's Exploration Plan
Date Submitted to DNR: 03/05/2015

**Proposed Exploration Activities on State Leases**

- Proposed Exploration Areas: Ground-based gravity survey.
- The gravity survey is a non-invasive measurement using a sensor of the size of a large coffee pot. It is placed on the ground at regular intervals (100m-200m) for a few minutes to passively measure the earth’s gravity field. In addition to the gravity measurement, a high accuracy survey grade GPS (Global Positioning System) measurement is taken at every gravity station.

**State Leases for Nonferrous Metallic Minerals**

- MM-10008-N
- MM-10009-N
- MM-9849-N
- MM-10007-N
- MM-10005-N
- MM-10010-N
- MM-10002-N
- MM-9765-P
- MM-10315
- MM-10203-N

**Location on Public Land Survey:**

- Township 48, Range 22
- Township 49, Range 22
- Township 47, Range 21
- Township 49, Range 21
- Township 48, Range 21

**Types of Activity:**

- Ground gravity survey

**Time period for activity:**

- March to April 2015.

**New Access Trail Location:**

- Existing trails

**Narrative:**

The explorer has proposed to complete a ground based gravity (geophysical) survey. The gravity survey is a non-invasive measurement using a sensor of the size of a large coffee pot. It is placed on the ground at regular intervals (100m-200m) for a few minutes to passively measure the earth’s gravity field. In addition to the gravity measurement, a high accuracy survey grade GPS (Global Positioning System) measurement is taken at every gravity station. The explorer has agreements or leases for the surface and mineral ownership on the parcels involved.

**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, March 2015.