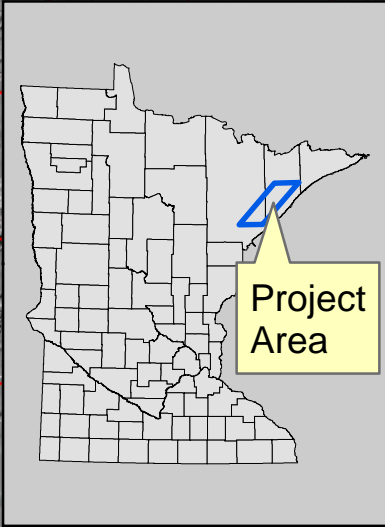


DNR Geochemical Survey St. Louis and Lake Counties Platinum concentrations

BWCA

Previous DNR Platinum and Palladium Anomalies (1989)



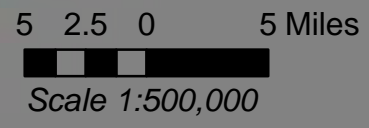
St. Louis County
Lake County

Isabella

Finland

Two Harbors

Duluth








-  Active State Mineral Lease
-  Bedrock Target (Magmatic Intrusions)

DNR Project 389 Description

In 1989, Minnesota DNR Project 262 identified anomalously high platinum and palladium concentrations in glacial till samples collected 20-30 miles east of the known areas of metallic mineral deposits. The goal of DNR Project 389 was to confirm these results, and determine whether similar anomalies can be tied to specific bedrock targets south of the Project 262 area. A total of 127 samples were collected in Fall 2011; 96 of these samples were analyzed by a third-party laboratory for platinum and palladium concentrations.

Platinum in HMC

-  < 5 ppb
-  5 ppb
-  6 to 10 ppb
-  11 to 15 ppb
-  16 to 20 ppb