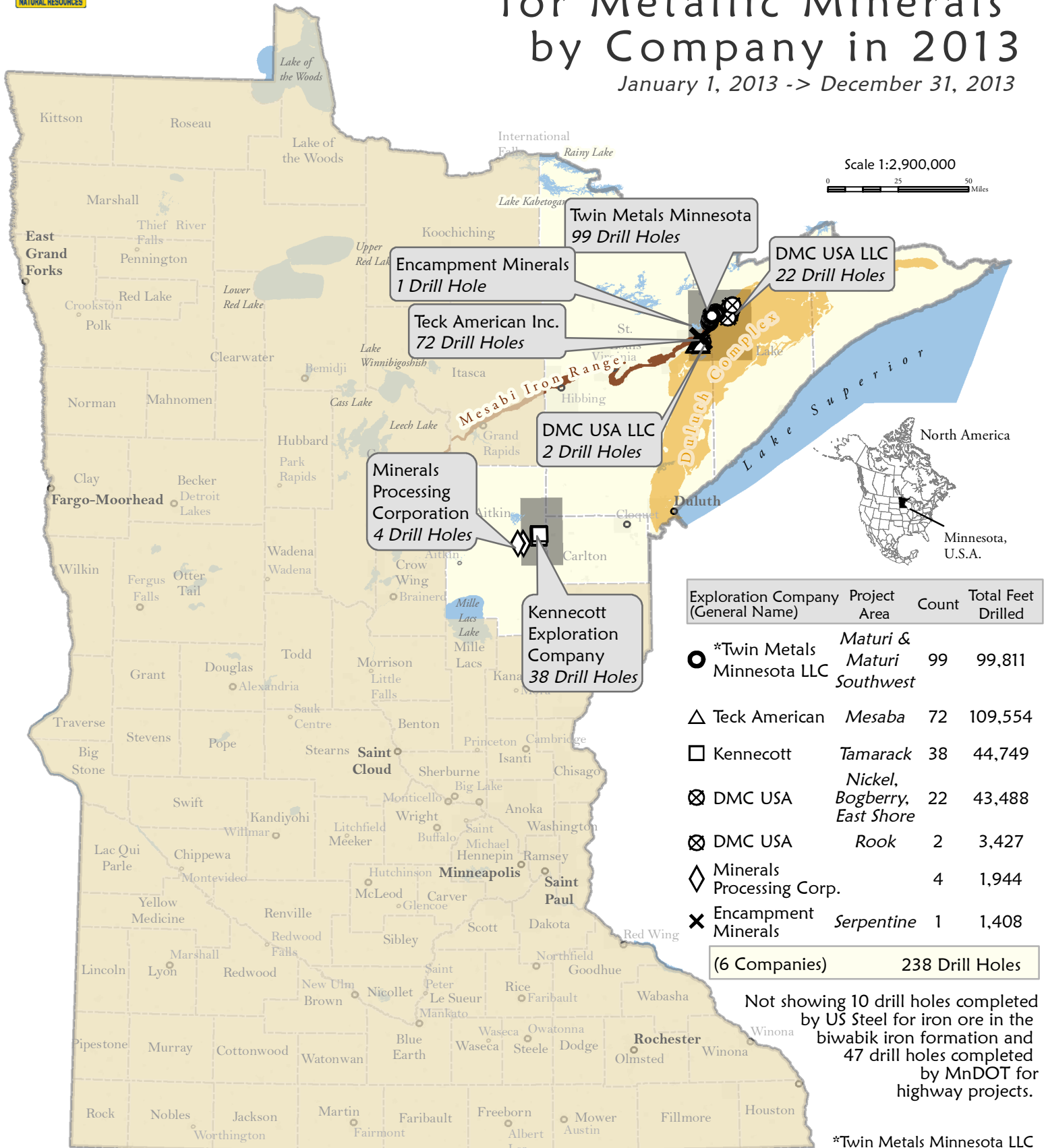




Exploration Drilling Map for Metallic Minerals by Company in 2013

January 1, 2013 -> December 31, 2013



Not showing 10 drill holes completed by US Steel for iron ore in the biwabik iron formation and 47 drill holes completed by MnDOT for highway projects.

*Twin Metals Minnesota LLC drilled 12 holes as "agent" on behalf of Franconia Minerals at Birch Lake.

Map Footnotes:

Geologic features of Duluth Complex and Mesabi Iron Range (Biwabik Iron Formation) are sourced from the Minnesota Geological Survey's State Map Series S-21, 2011.