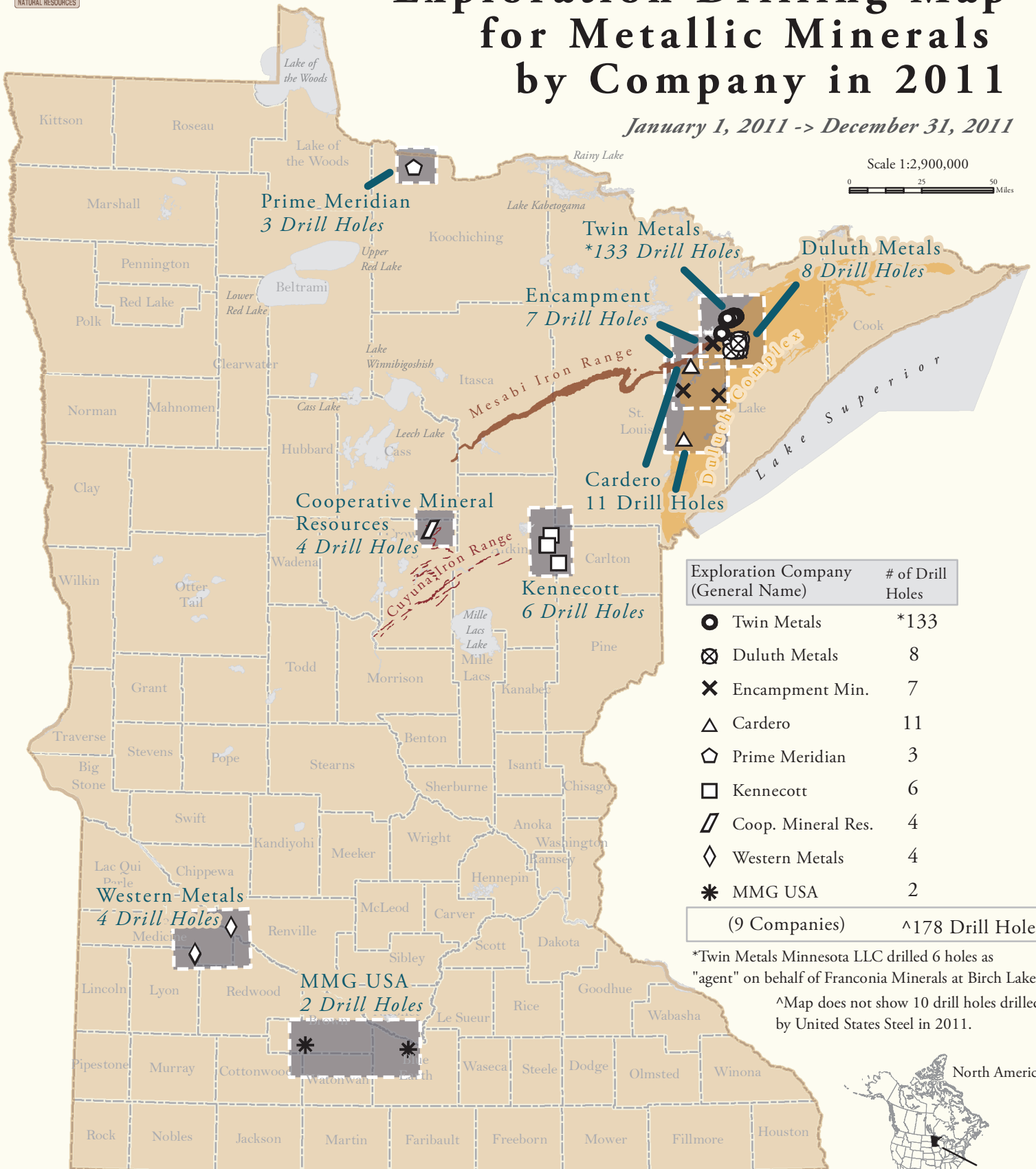




Exploration Drilling Map for Metallic Minerals by Company in 2011

January 1, 2011 -> December 31, 2011

Scale 1:2,900,000



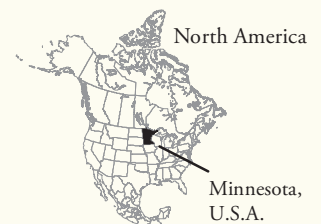
Exploration Company (General Name)	# of Drill Holes
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- Twin Metals *133
- ⊗ Duluth Metals 8
- ✕ Encampment Min. 7
- △ Cardero 11
- ◻ Prime Meridian 3
- ◻ Kennecott 6
- ▨ Coop. Mineral Res. 4
- ◇ Western Metals 4
- * MMG USA 2

(9 Companies) ^178 Drill Holes

*Twin Metals Minnesota LLC drilled 6 holes as "agent" on behalf of Franconia Minerals at Birch Lake.

^Map does not show 10 drill holes drilled by United States Steel in 2011.



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.