

OWNERSHIP CALUMET STUDY AREA

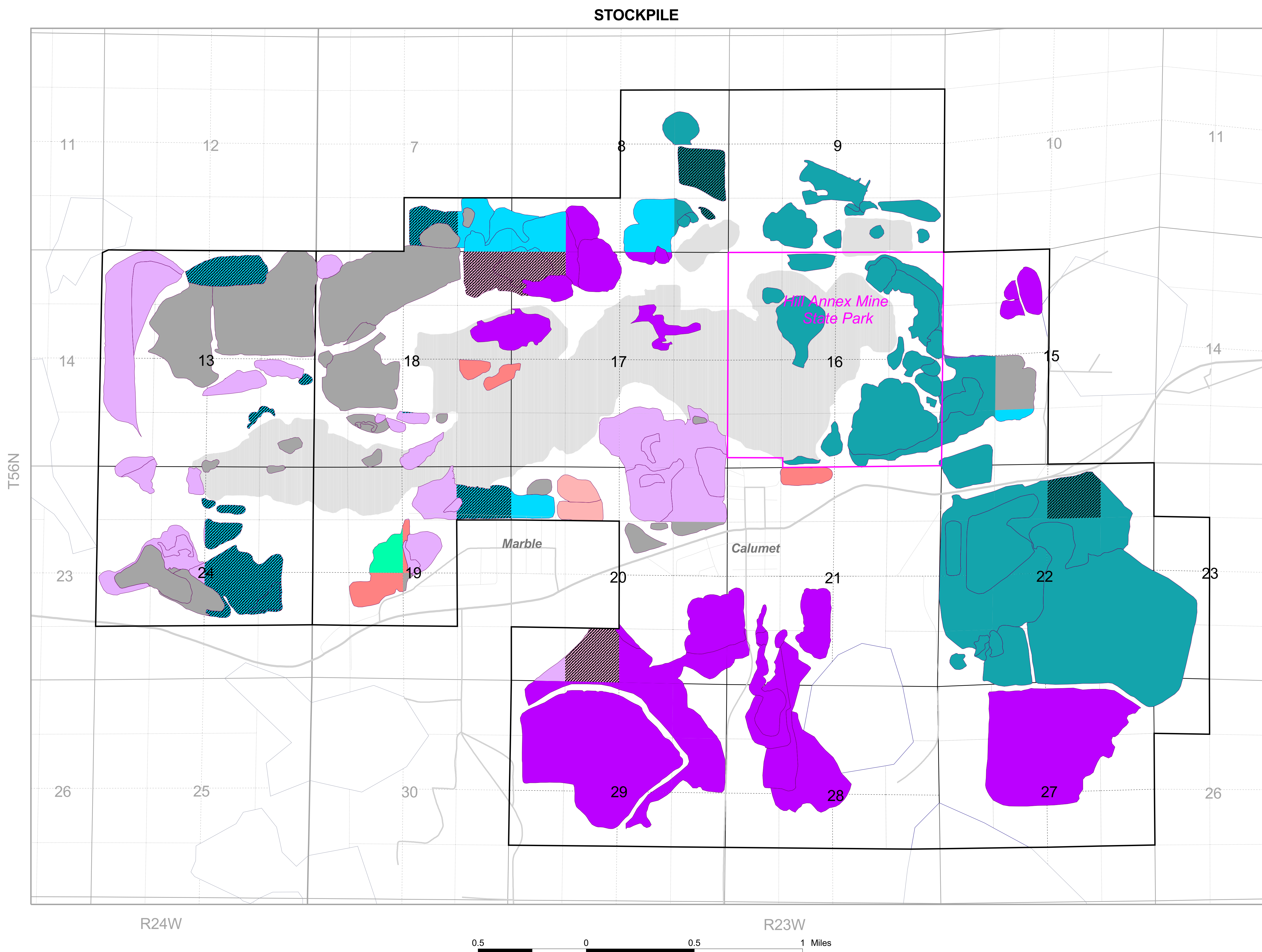
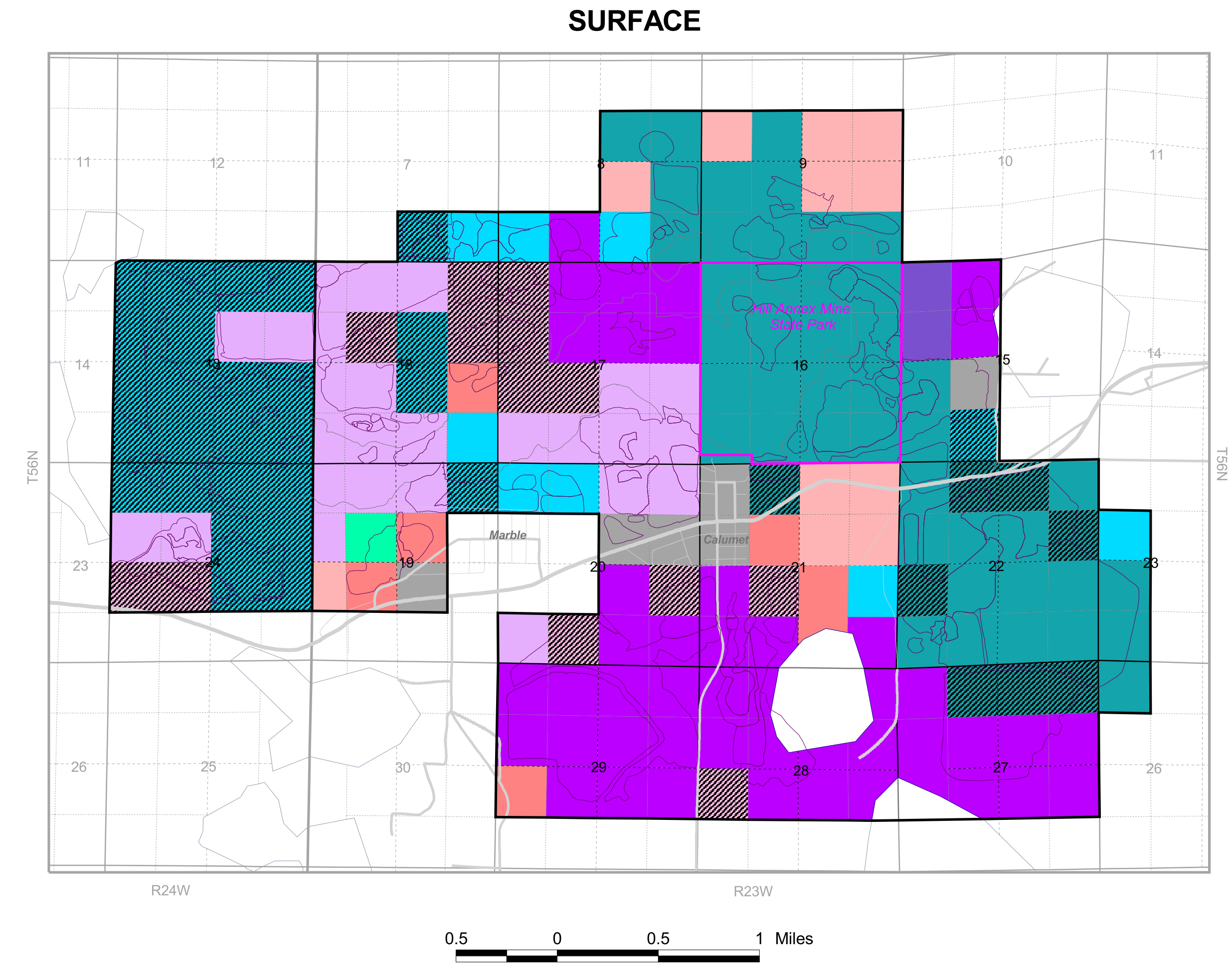
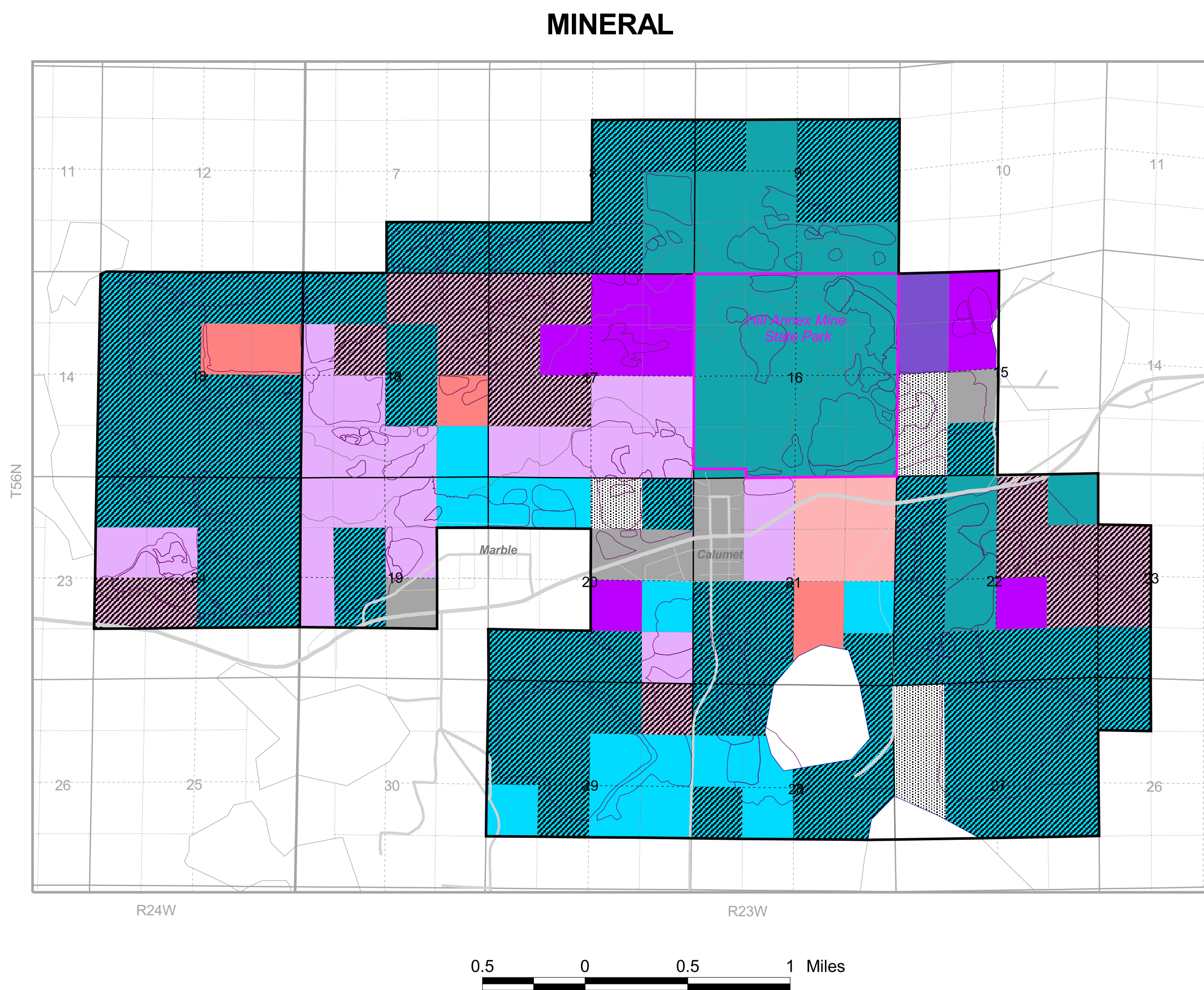
A PORTION OF TOWNSHIP 56 NORTH, RANGE 23 WEST
AND TOWNSHIP 56 NORTH, RANGE 24 WEST
ITASCA COUNTY, MINNESOTA
2001

Surface, Mineral, and Stockpile Ownership

The surface, mineral, and stockpile ownership maps provide a generalization of the ownership within the two study areas. The maps are not to be relied upon for exact ownership for any parcel or stockpile. Ownership has been simplified into mapping units, as shown in the legend. The "State" mapping unit refers to State ownership acquired by any means other than through a real estate tax forfeiture. Any ownership by the State of Minnesota, through any means, takes precedence in deciding the mapping unit.

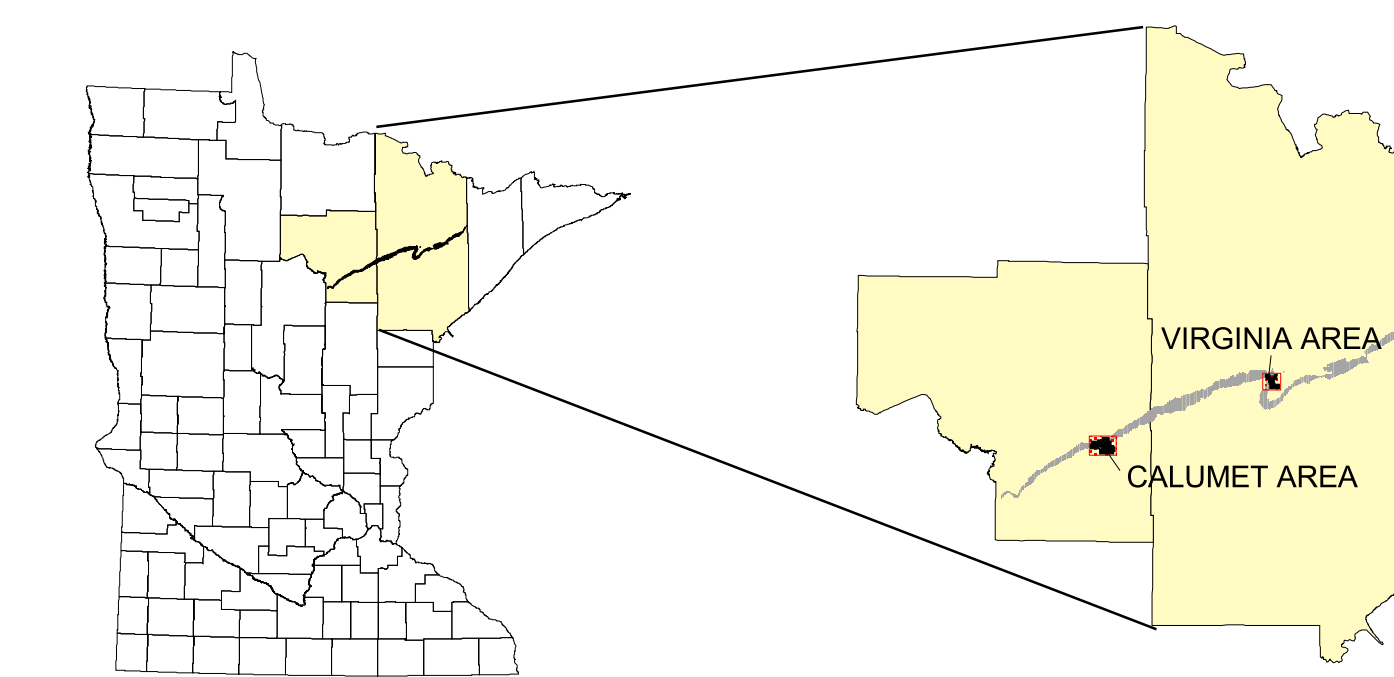
The surface and mineral ownership was determined based upon a review of the chain of title for each 40-acre parcel or government lot within the study areas. Ownership results are only valid as of the date the research was conducted in the county. Surface and mineral ownership for platted property was not researched. Railroad right-of-way ownership has not been mapped.

Stockpile ownership was determined by reviewing available sources, which may indicate the intent of the parties involved when the stockpile was created. Ownership of surface material (or overburden) stockpiles is generally tied to the surface ownership of the underlying parcel. Thus, some stockpiles may show changes in ownership as the stockpile crosses public land survey lines.



- ### OWNERSHIP* TYPE
- Government**
 - State
 - County Real Estate Tax Forfeit
 - Other Government (County, City, Tribal, or Regional)
 - Nonregistered Severed Minerals (mineral ownership only)
 - Mining Companies**
 - Great Northern Iron Ore Properties
 - M.A.
 - USX/Hanna Company
 - Non-Mining Company or Individual Owner**
 - Private (one owner)
 - Multiple Owners**
 - Part State and Other
 - Part County Real Estate Tax Forfeit and Other
 - Part Mining Company and Other
 - Many Private (two or more owners)
 - Undetermined**
 - Undetermined (on surface and mineral maps indicates parcel was not researched; on stockpile map indicates that ownership could not be determined)

*Ownership data were aggregated to the 40-acre parcel or government lot for presentation on this plate.



Sources of base map information:
Public Land Survey - Minnesota Department of Natural Resources, Division of Lands and Minerals, 1999.
Roads - State of Minnesota Basemap, Department of Transportation Surveying and Mapping Basemap Development Group, 1998.
Statutory Park Boundary - Minnesota Department of Natural Resources, Division of Parks, 1998.

Funding for this project is from the Minnesota Legislature, ML 1999, Chapter 231, Section 16, Subdivision 7(k), as recommended by the Legislative Commission on Minnesota Resources.

Sources of ownership information:
Ownership research for the Calumet area conducted from June 2000 to January 2001.
Surface and Mineral Ownership

Itasca County Recorder/Registrar of Titles Office
Great Northern Iron Ore Properties
U.S. Steel Great Northern Iron Ore Properties
Minnesota Department of Natural Resources, Division of Lands and Minerals, Annual Operations Report and State Stockpile Map Supplement
Minnesota Department of Natural Resources, Division of Minerals, Stockpile Report to St. Louis and Itasca Counties (May 1998)
Minnesota Department of Natural Resources, Division of Minerals, Minnesota Mesabi Range Maps (January 1996)