

LTA: 212Xe07

NAME:
Kempster Moraines

ACRES:
32369.619

SQUARE MILES:
50.578

DESCRIPTION:

The characteristic landform pattern is rolling collapsed moraine with ice-walled lake plains, and lakes common. Soils are predominantly well drained sandy loam over acid loamy sandy till. Common habitat types include ATM, AViO/AH, forested lowland, and

CLIMATE

CODE	PERCENT
33	92
44	8

GEOLOGY

BEDROCK TYPE DESCRIPTION
Igneous, Metamorphic, and Volcanic Rock

AVERAGE DEPTH TO BEDROCK
10000

BEDROCK DEPTH DESCRIPTION
Bedrock is between 100 feet and 50 feet of the land surface

GEOMORPHOLOGY

GEOMORPHOLOGY PROCESS
Till and Lake Deposition

TOPOGRAPHY
Rolling

SURFACE
Hummocky Morained with Ice-Walled Lake Plains

SOIL INFORMATION

SOIL ASSOCIATIONS
Kennan-Keweenaw-CrystalLake-Seelyville, Padus-Pence-Antigo

SOIL DESCRIPTION
Well drained and moderately well drained loamy, sandy, and silty soils with a sandy loam or silt loam surface over non-calcareous loam sand till or silt loam lacustrine, along with very poorly drained nonacid organic soils.

SURFACE TEXTURES
SL-SIL-MK

GENERAL TEXTURES
Loamy-Sandy-Mucky

FAMILY TEXTURES
COL-S-SP

DRAINAGE CLASSES
WD-MWD-VPD

PARENT MATERIAL
Till-Organic

KOTAR'S HABITAT

HABITAT 1	HABITAT 2	HABITAT 3	HABITAT 4	HABITAT 5	HABITAT 6
ATM	AViO/AH	Lowland	TMC		

*Listed in order of probability occurrence, with each having an occurrence of 10% or greater

WISCLAND LAND COVER

COVER TYPE CLASS	ACRES	PERCENT
Agricultural Land	475	2
Bare Land	331	1
Forested Wetland	4446	17
Grassland	529	2
Nonforested Wetland	2008	8
Open Water	1227	5
Shrubland	261	1
Upland Broad-leaved Deciduous	14809	56
Upland Coniferous Forest	1194	5
Upland Mixed Deciduous/Conifer	1020	4

FINLEY'S PRESETTLEMENT VEGETATION INFORMATION

CODE	PERCENT	DEFINITION
Hydrographic	1	Water
HH/P	70	Hemlock, Sugar Maple, Yellow Birch, White Pine, Red Pine
NH/P	4	Sugar Maple, Yellow Birch, White Pine, Red Pine
SC	24	Swamp Conifers - White Cedar, Black Spruce, Tamarack, Hemlock

HYDROLOGY

PERENNIAL STREAMS	INTERMITTENT STREAMS	OPEN WATER	MARSH ACRES	DEPTH TO AQUIFER	SURFACE DRAINAGE
15 Miles	1 Miles	1269 Acres	3287 Acres	0'-20'	deranged