

LTA: 212Xe12NAME:
Irma MorainesACRES:
28399.303SQUARE MILES:
44.374**DESCRIPTION:**

The characteristic landform pattern is rolling collapsed moraine. Soils are predominantly well drained sandy loam over acid loamy sand till. Common habitat types include ATM, forested lowland, TMC, AViO, and AVVb.

CLIMATE

CODE	PERCENT
33	37
36	39
43	24

GEOLOGY
BEDROCK TYPE DESCRIPTION
Carbonates

AVERAGE DEPTH TO BEDROCK
10000

BEDROCK DEPTH DESCRIPTION
Bedrock is between 100 feet and 50 feet of the land surface
GEOMORPHOLOGY
GEOMORPHOLOGY PROCESS
Till Deposition

TOPOGRAPHY
Rolling

SURFACE
Hummocky Moraine
SOIL INFORMATION**SOIL ASSOCIATIONS**

Sarona-Keweenaw-Goodman-Pence-Loxley, Lupton-Cathro

SOIL DESCRIPTION

Well drained loamy and sandy soils with a sandy loam or silt loam surface over non-calcareous loamy sand till or gravelly sand outwash, along with very poorly drained acid organic soils.

SURFACE TEXTURES
SL-SIL-PT

GENERAL TEXTURES
Loamy-Sandy-Mucky

FAMILY TEXTURES
COL-S-SP

DRAINAGE CLASSES
WD-VPD

PARENT MATERIAL
Till-Outwash-Organic
KOTAR'S HABITAT

HABITAT 1	HABITAT 2	HABITAT 3	HABITAT 4	HABITAT 5	HABITAT 6
ATM	Lowland	TMC	AViO	AVVb	

*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	977	4
Bare Land	320	1
Forested Wetland	3754	14
Grassland	2684	10
Nonforested Wetland	1017	4
Open Water	405	1
Shrubland	38	0
Upland Broad-leaved Deciduous	16083	59
Upland Coniferous Forest	792	3
Upland Mixed Deciduous/Conifer	1417	5

FINLEY'S PRESETTLEMENT VEGETATION INFORMATION

CODE	PERCENT	DEFINITION
Hydrographic	0	Water
HH/P	67	Hemlock, Sugar Maple, Yellow Birch, White Pine, Red Pine
NH/P	12	Sugar Maple, Yellow Birch, White Pine, Red Pine
PW/PR	4	White Pine, Red Pine
ABW/P	1	Aspen, White Birch, Pine
SC	17	Swamp Conifers - White Cedar, Black Spruce, Tamarack, Hemlock

HYDROLOGY

PERENNIAL STREAMS	INTERMITTENT STREAMS	OPEN WATER	MARSH ACRES	DEPTH TO AQUIFER	SURFACE DRAINAGE
17 Miles	0 Miles	266 Acres	2291 Acres	0'-20'	deranged