

LTA: 212Xf04NAME:
Hayward MorainesACRES:
129670.65SQUARE MILES:
202.61**DESCRIPTION:**

The characteristic landform pattern is rolling collapsed moraine with swamps common. Soils are predominantly well drained sandy loam over acid loamy sand till or outwash. Common habitat types include forested lowland, AVDe/AVVb, AAt/ATM, and PAm/PMV.

CLIMATE

CODE	PERCENT
15	25
23	58
30	0
31	16

GEOLOGYBEDROCK TYPE DESCRIPTION
CarbonatesAVERAGE DEPTH
TO BEDROCK
10050BEDROCK DEPTH
DESCRIPTION
Bedrock is greater than 100 feet from the land surface**GEOMORPHOLOGY**GEOMORPHOLOGY PROCESS
Till and Glacial Meltwater DepositionTOPOGRAPHY
RollingSURFACE
Hummocky Moraine**SOIL INFORMATION****SOIL ASSOCIATIONS**

Keweenaw-Pence-Sarona-Kennan-Lupton

SOIL DESCRIPTION

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

SURFACE TEXTURES
SL-SIL-MKGENERAL TEXTURES
Sandy-Loamy-MuckyFAMILY TEXTURES
S-COL-SPDRAINAGE CLASSES
WD-VPDPARENT MATERIAL
Till-Outwash-Organic**KOTAR'S HABITAT**

HABITAT 1	HABITAT 2	HABITAT 3	HABITAT 4	HABITAT 5	HABITAT 6
Lowland	AVDe/AVVb	AAt/ATM	PAm/PMV		

*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	1749	1
Bare Land	231	0
Forested Wetland	16916	13
Grassland	9954	8
High Intensity Urban Area	1	0
Nonforested Wetland	8051	6
Open Water	6104	5
Shrubland	814	1
Upland Broad-leaved Deciduous	78791	61
Upland Coniferous Forest	6140	5
Upland Mixed Deciduous/Conifer	913	1

FINLEY'S PRESETTLEMENT VEGETATION INFORMATION

CODE	PERCENT	DEFINITION
Hydrographic	2	Water
HH/P	22	Hemlock, Sugar Maple, Yellow Birch, White Pine, Red Pine
NH/P	8	Sugar Maple, Yellow Birch, White Pine, Red Pine
PW/PR	15	White Pine, Red Pine
PJ/OX	15	Jack Pine, Scrub Oak and Barrens
ABW/P	5	Aspen, White Birch, Pine
NH/O	4	Sugar Maple, Basswood, Red Oak, White Oak, Black Oak
OO	5	Oak - Black, White, and Burr Oak
UB	3	Brush
SC	12	Swamp Conifers - White Cedar, Black Spruce, Tamarack, Hemlock

HYDROLOGY

PERENNIAL STREAMS	INTERMITTENT STREAMS	OPEN WATER	MARSH ACRES	DEPTH TO AQUIFER	SURFACE DRAINAGE
80 Miles	12 Miles	5868 Acres	16397 Acres	20'-50'	deranged