

LTA: 212Ta03NAME:
Hatley MorainesACRES:
132536.39SQUARE MILES:
207.088**DESCRIPTION:**

The characteristic landform pattern is rolling collapsed moraine dissected with stream terraces. Soils are predominantly well drained sandy loam over acid loamy sand till. Common habitat types include AH, forested lowland, ATDH, ATM, and AQVb.

CLIMATE

CODE	PERCENT
43	42
44	3
54	48
62	1
68	6

GEOLOGY
BEDROCK TYPE DESCRIPTION
 Igneous, Metamorphic, and Volcanic Rock

AVERAGE DEPTH TO BEDROCK
 10050

BEDROCK DEPTH DESCRIPTION
 Bedrock is greater than 100 feet from the land surface
GEOMORPHOLOGY
GEOMORPHOLOGY PROCESS
 Till and Glacial Meltwater Deposition

TOPOGRAPHY
 Rolling

SURFACE
 Hummocky Moraine with Outwash Terraces
SOIL INFORMATION**SOIL ASSOCIATIONS**

Kennan-Keweenaw-Hatley, Chetek-Rosholt-Oesterle, Cathro-Seelyville

SOIL DESCRIPTION

Well drained and somewhat poorly drained loamy and sandy soils with a sandy loam or silt loam surface over non-calcareous loamy sand till.

SURFACE TEXTURES
 SL-SIL

GENERAL TEXTURES
 Loamy-Sandy

FAMILY TEXTURES
 COL-S

DRAINAGE CLASSES
 WD-SPD

PARENT MATERIAL
 Till
KOTAR'S HABITAT

HABITAT 1	HABITAT 2	HABITAT 3	HABITAT 4	HABITAT 5	HABITAT 6
AH	Lowland	AQVb	TMC	ATDH	

*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	24556	19
Bare Land	17	0
Forested Wetland	12076	9
Grassland	21311	16
High Intensity Urban Area	150	0
Low Intensity Urban Area	46	0
Nonforested Wetland	5385	4
Open Water	1104	1
Shrubland	407	0
Upland Broad-leaved Deciduous	57624	43
Upland Coniferous Forest	1098	1
Upland Mixed Deciduous/Conifer	8763	7

FINLEY'S PRESETTLEMENT VEGETATION INFORMATION

CODE	PERCENT	DEFINITION
Hydrographic	0	Water
HH/P	56	Hemlock, Sugar Maple, Yellow Birch, White Pine, Red Pine
NH/P	24	Sugar Maple, Yellow Birch, White Pine, Red Pine
PW/PR	4	White Pine, Red Pine
PJ/OX	2	Jack Pine, Scrub Oak and Barrens
NH/O	1	Sugar Maple, Basswood, Red Oak, White Oak, Black Oak
OO	0	Oak - Black, White, and Burr Oak
SC	5	Swamp Conifers - White Cedar, Black Spruce, Tamarack, Hemlock

HYDROLOGY

PERENNIAL STREAMS	INTERMITTENT STREAMS	OPEN WATER	MARSH ACRES	DEPTH TO AQUIFER	SURFACE DRAINAGE
40 Miles	7 Miles	829 Acres	4739 Acres	0'-20'	deranged