

LTA: 212Tc05NAME:
Aurora MorainesACRES:
72476.094SQUARE MILES:
113.244**DESCRIPTION:**

Landform pattern is rolling collapsed moraines and outwash plains with bedrock knolls and ridges. Soils are predominantly well drained fine sandy loam over outwash, acid sandy loam till, or igneous/metamorphic bedrock. Common habitat types include ATM,

CLIMATE

CODE	PERCENT
42	3
44	25
50	0
62	72

GEOLOGY**BEDROCK TYPE DESCRIPTION**
Igneous, Metamorphic, and Volcanic Rock**AVERAGE DEPTH TO BEDROCK**
5005**BEDROCK DEPTH DESCRIPTION**
Bedrock is between 50 feet and 5 feet of the land surface**GEOMORPHOLOGY****GEOMORPHOLOGY PROCESS**
Till and Glacial Meltwater Deposition**TOPOGRAPHY**
Rolling**SURFACE**
Bedrock Controlled Moraine and Outwash Plain Complex**SOIL INFORMATION****SOIL ASSOCIATIONS**

Padus-Michigamme-Keweenaw-Seelyeville

SOIL DESCRIPTION

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

SURFACE TEXTURES
SL-MK**GENERAL TEXTURES**
Loamy-Sandy-Mucky**FAMILY TEXTURES**
COL-S-SP**DRAINAGE CLASSES**
WD-VPD**PARENT MATERIAL**
Outwash-Till-Organic**KOTAR'S HABITAT**

HABITAT 1	HABITAT 2	HABITAT 3	HABITAT 4	HABITAT 5	HABITAT 6
ATM	PMV-Vb	QV	AQVb	Lowland	

*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	2809	4
Bare Land	488	1
Forested Wetland	12122	17
Grassland	4867	7
High Intensity Urban Area	173	0
Low Intensity Urban Area	66	0
Nonforested Wetland	3223	4
Open Water	847	1
Shrubland	877	1
Upland Broad-leaved Deciduous	39481	54
Upland Coniferous Forest	2496	3
Upland Mixed Deciduous/Conifer	5028	7

FINLEY'S PRESETTLEMENT VEGETATION INFORMATION

CODE	PERCENT	DEFINITION
Hydrographic	0	Water
HH/P	40	Hemlock, Sugar Maple, Yellow Birch, White Pine, Red Pine
NH/P	1	Sugar Maple, Yellow Birch, White Pine, Red Pine
PW/PR	25	White Pine, Red Pine
PJ/OX	15	Jack Pine, Scrub Oak and Barrens
ABW/P	2	Aspen, White Birch, Pine
NH/O	2	Sugar Maple, Basswood, Red Oak, White Oak, Black Oak
SC	14	Swamp Conifers - White Cedar, Black Spruce, Tamarack, Hemlock

HYDROLOGY

PERENNIAL STREAMS	INTERMITTENT STREAMS	OPEN WATER	MARSH ACRES	DEPTH TO AQUIFER	SURFACE DRAINAGE
66 Miles	5 Miles	574 Acres	9082 Acres	20'-50'	deranged