

LTA: 212Tc06NAME:
Athelstane MorainesACRES:
119433.46SQUARE MILES:
186.615**DESCRIPTION:**

Landform pattern is rolling collapsed moraines and outwash plains with bedrock knolls and ridges. Soils are predominantly excessively drained sand over outwash, acid loamy sand till, or igneous/metamorphic bedrock. Common habitat types include PMV-Vb,

CLIMATE

CODE	PERCENT
44	7
62	83
71	10

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**
Bedrock Controlled Moraine and Outwash Plain Complex**SOIL INFORMATION****SOIL ASSOCIATIONS**

Menahga-Ishpeming-Keweenaw-Seelyville

SOIL DESCRIPTION

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

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

HABITAT 1	HABITAT 2	HABITAT 3	HABITAT 4	HABITAT 5	HABITAT 6
PMV-Vb	QV	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	577	0
Bare Land	481	0
Forested Wetland	15407	13
Grassland	8050	7
High Intensity Urban Area	0	0
Low Intensity Urban Area	0	0
Nonforested Wetland	9157	8
Open Water	1367	1
Shrubland	4312	4
Upland Broad-leaved Deciduous	59103	49
Upland Coniferous Forest	10386	9
Upland Mixed Deciduous/Conifer	10577	9

FINLEY'S PRESETTLEMENT VEGETATION INFORMATION

CODE	PERCENT	DEFINITION
Hydrographic	0	Water
BHH/P	1	Beech, Hemlock, Sugar Maple, Yellow Birch, White Pine, Red Pine
HH/P	5	Hemlock, Sugar Maple, Yellow Birch, White Pine, Red Pine
PW/PR	34	White Pine, Red Pine
PJ/OX	42	Jack Pine, Scrub Oak and Barrens
ABW/P	0	Aspen, White Birch, Pine
SC	16	Swamp Conifers - White Cedar, Black Spruce, Tamarack, Hemlock

HYDROLOGY

PERENNIAL STREAMS	INTERMITTENT STREAMS	OPEN WATER	MARSH ACRES	DEPTH TO AQUIFER	SURFACE DRAINAGE
173 Miles	3 Miles	720 Acres	13064 Acres	0'-20'	rectangular