

**LTA: 212Tc09**NAME:  
Middle Inlet MorainesACRES:  
22127.93SQUARE MILES:  
34.575**DESCRIPTION:**

The characteristic landform pattern is undulating moraine. Soils are predominantly well drained fine sandy loam over calcareous loam till. Common habitat types include AQVb, AFVb, PMV-Vb, and forested lowland.

**CLIMATE**

CODE	PERCENT
71	53
73	5
74	42
79	0

**GEOLOGY**BEDROCK TYPE DESCRIPTION  
Igneous, Metamorphic, and Volcanic RockAVERAGE DEPTH  
TO BEDROCK  
10050BEDROCK DEPTH  
DESCRIPTION  
Bedrock is greater than 100 feet from the land surface**GEOMORPHOLOGY**GEOMORPHOLOGY PROCESS  
Till DepositionTOPOGRAPHY  
UndulatingSURFACE  
Till Plain**SOIL INFORMATION****SOIL ASSOCIATIONS**

Emmet-Menominee-Mancelona-Seelyeville

**SOIL DESCRIPTION**

Well drained and moderately well drained loamy and sandy soils with a fine sandy loam or loamy sand surface over calcareous sandy loam till or sand outwash, along with very poorly drained nonacid organic soils.

SURFACE TEXTURES  
FSL-LS-MKGENERAL TEXTURES  
Loamy-Sandy-MuckyFAMILY TEXTURES  
COL-S/L-S-SPDRAINAGE CLASSES  
WD-MWD-VPDPARENT MATERIAL  
Till-Outwash-Organic**KOTAR'S HABITAT**HABITAT 1  
AQVbHABITAT 2  
AFVbHABITAT 3  
PMV-VbHABITAT 4  
Lowland

HABITAT 5

HABITAT 6

\*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	4403	20
Bare Land	309	1
Forested Wetland	5558	25
Grassland	3086	14
High Intensity Urban Area	104	0
Nonforested Wetland	917	4
Open Water	88	0
Shrubland	332	2
Upland Broad-leaved Deciduous	6179	28
Upland Coniferous Forest	433	2
Upland Mixed Deciduous/Conifer	714	3

**FINLEY'S PRESETTLEMENT VEGETATION INFORMATION**

CODE	PERCENT	DEFINITION
Hydrographic	0	Water
BHH/P	12	Beech, Hemlock, Sugar Maple, Yellow Birch, White Pine, Red Pine
HH/P	25	Hemlock, Sugar Maple, Yellow Birch, White Pine, Red Pine
PW/PR	3	White Pine, Red Pine
PJ/OX	9	Jack Pine, Scrub Oak and Barrens
BE/O	10	Beech, Sugar Maple, Basswood, Red Oak, White Oak, Black Oak
SC	39	Swamp Conifers - White Cedar, Black Spruce, Tamarack, Hemlock

**HYDROLOGY**

PERENNIAL STREAMS	INTERMITTENT STREAMS	OPEN WATER	MARSH ACRES	DEPTH TO AQUIFER	SURFACE DRAINAGE
19 Miles	2 Miles	76 Acres	4816 Acres	20'-50'	rectangular