

**LTA: 212Tc04**NAME:  
Waupee KnollsACRES:  
55156.242SQUARE MILES:  
86.182**DESCRIPTION:**

The characteristic landform pattern is rolling collapsed outwash plain with isolated remnant moraines. Soils are predominantly well drained fine sandy loam over outwash. Common habitat types include AQVb, forested lowland, PMV-Vb, QV, and TMC.

**CLIMATE**

CODE	PERCENT
62	1
71	99
74	0

**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**  
 Glacial Meltwater Deposition

**TOPOGRAPHY**  
 Rolling

**SURFACE**  
 Collapsed Outwash Plain
**SOIL INFORMATION****SOIL ASSOCIATIONS**

Padus-Metonga-Menahga-Ishpeming-Seelyville

**SOIL DESCRIPTION**

Well drained and excessively drained loamy and sandy soils with a sandy loam or loamy sand surface over non-calcareous gravelly sand or sand outwash, some over igneous/metamorphic bedrock, along with very poorly drained nonacid organic soils.

**SURFACE TEXTURES**  
 SL-LS-MK

**GENERAL TEXTURES**  
 Loamy-Sandy-Mucky

**FAMILY TEXTURES**  
 COL-S-SP

**DRAINAGE CLASSES**  
 WD-ED-VPD

**PARENT MATERIAL**  
 Outwash-Organic
**KOTAR'S HABITAT**

HABITAT 1	HABITAT 2	HABITAT 3	HABITAT 4	HABITAT 5	HABITAT 6
AQVb	Lowland	PMV-Vb	QV	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	1681	3
Bare Land	137	0
Forested Wetland	5982	11
Grassland	3217	6
Nonforested Wetland	1808	3
Open Water	3641	7
Shrubland	1789	3
Upland Broad-leaved Deciduous	25751	47
Upland Coniferous Forest	8124	15
Upland Mixed Deciduous/Conifer	3017	5

**FINLEY'S PRESETTLEMENT VEGETATION INFORMATION**

CODE	PERCENT	DEFINITION
Hydrographic	4	Water
BHH/P	4	Beech, Hemlock, Sugar Maple, Yellow Birch, White Pine, Red Pine
HH/P	20	Hemlock, Sugar Maple, Yellow Birch, White Pine, Red Pine
PW/PR	5	White Pine, Red Pine
PJ/OX	39	Jack Pine, Scrub Oak and Barrens
BE/O	1	Beech, Sugar Maple, Basswood, Red Oak, White Oak, Black Oak
SC	22	Swamp Conifers - White Cedar, Black Spruce, Tamarack, Hemlock

**HYDROLOGY**

PERENNIAL STREAMS	INTERMITTENT STREAMS	OPEN WATER	MARSH ACRES	DEPTH TO AQUIFER	SURFACE DRAINAGE
97 Miles	2 Miles	3537 Acres	2308 Acres	20'-50'	rectangular