

LTA: 212Zb02

NAME:  
Freedom Plains

ACRES:  
41728.168

SQUARE MILES:  
65.2

DESCRIPTION:  
The characteristic landform pattern is nearly level lake plain complex. Soils are predominantly moderately well drained silt loam over calcareous loamy and clayey till or lacustrine. Common habitat types include forested lowland, hydromesic, AFH, AFAs,

**CLIMATE**

CODE	PERCENT
83	35
86	65

**GEOLOGY**

BEDROCK TYPE DESCRIPTION  
Carbonates

AVERAGE DEPTH  
TO BEDROCK  
10050

BEDROCK DEPTH  
DESCRIPTION  
Bedrock is greater than 100 feet from the land surface

**GEOMORPHOLOGY**

GEOMORPHOLOGY PROCESS  
Lake and Till Deposition

TOPOGRAPHY  
Nearly Level

SURFACE  
Lake Plain

**SOIL INFORMATION**

**SOIL ASSOCIATIONS**

Kewaunee-Manawa-Hortonville-Symco, Menominee-Grays-Rousseau, Winneconne-Manawa  
Moderately well drained and somewhat poorly drained soils with a silt loam surface over calcareous clay loam or loam till.

SURFACE TEXTURES  
SIL

GENERAL TEXTURES  
Clayey-Loamy

FAMILY TEXTURES  
FI-FIL

DRAINAGE CLASSES  
MWD-SPD

PARENT MATERIAL  
Till

**KOTAR'S HABITAT**

HABITAT 1	HABITAT 2	HABITAT 3	HABITAT 4	HABITAT 5	HABITAT 6
Lowland	Hydromesi	AFH	AFAs	AFAs-O	

\*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	32727	78
Bare Land	325	1
Forested Wetland	537	1
Grassland	1671	4
High Intensity Urban Area	2845	7
Low Intensity Urban Area	1502	4
Nonforested Wetland	378	1
Open Water	23	0
Upland Broad-leaved Deciduous	1545	4
Upland Coniferous Forest	175	0

**FINLEY'S PRESETTLEMENT VEGETATION INFORMATION**

CODE	PERCENT	DEFINITION
Hydrographic	0	Water
BHH/P	5	Beech, Hemlock, Sugar Maple, Yellow Birch, White Pine, Red Pine
PW/PR	4	White Pine, Red Pine
BE/O	51	Beech, Sugar Maple, Basswood, Red Oak, White Oak, Black Oak
NH/O	21	Sugar Maple, Basswood, Red Oak, White Oak, Black Oak
OO	4	Oak - Black, White, and Burr Oak
SC	14	Swamp Conifers - White Cedar, Black Spruce, Tamarack, Hemlock
LH	2	Lowland Hardwoods - Willow, Soft Maple, Box Elder, Ash, Elm, Cotton Wood, River Birch
Not Interpreted	0	Area not Interpreted

**HYDROLOGY**

PERENNIAL STREAMS	INTERMITTENT STREAMS	OPEN WATER	MARSH ACRES	DEPTH TO AQUIFER	SURFACE DRAINAGE
8 Miles	93 Miles	12 Acres	41728 Acres	0'-20'	dendritic