

**LTA: 212Xd01**NAME:  
Pipestone HillsACRES:  
76944.578SQUARE MILES:  
120.226**DESCRIPTION:**

The characteristic landform pattern is hilly bedrock-controlled moraine. Soils are predominantly moderately well drained silt loam over acid sandy loam till. Common habitat types include ATM, AViO, and forested lowland.

**CLIMATE**

CODE	PERCENT
15	1
23	75
31	24

**GEOLOGY**BEDROCK TYPE DESCRIPTION  
Igneous, Metamorphic, and Volcanic RockAVERAGE DEPTH  
TO BEDROCK  
5005BEDROCK DEPTH  
DESCRIPTION  
Bedrock is between 50 feet and 5 feet of the land surface**GEOMORPHOLOGY**GEOMORPHOLOGY PROCESS  
Till DepositionTOPOGRAPHY  
HillySURFACE  
Bedrock Controlled Moraine**SOIL INFORMATION****SOIL ASSOCIATIONS**

Freeon-Magnor-Sarwet-Moodig, Lupton-Tawas

**SOIL DESCRIPTION**

Moderately well drained and somewhat poorly drained loamy soils with a silt loam or sandy loam surface over non-calcareous sandy loam dense till.

SURFACE TEXTURES  
SIL-SLGENERAL TEXTURES  
LoamyFAMILY TEXTURES  
COLDRAINAGE CLASSES  
MWD-SPDPARENT MATERIAL  
Dense\_Till**KOTAR'S HABITAT**

HABITAT 1	HABITAT 2	HABITAT 3	HABITAT 4	HABITAT 5	HABITAT 6
ATM	AViO	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	1409	2
Bare Land	77	0
Forested Wetland	4597	6
Grassland	3211	4
Nonforested Wetland	3235	4
Open Water	1077	1
Shrubland	410	1
Upland Broad-leaved Deciduous	57343	75
Upland Coniferous Forest	3437	4
Upland Mixed Deciduous/Conifer	2141	3

**FINLEY'S PRESETTLEMENT VEGETATION INFORMATION**

CODE	PERCENT	DEFINITION
Hydrographic	0	Water
HH/P	61	Hemlock, Sugar Maple, Yellow Birch, White Pine, Red Pine
NH/P	24	Sugar Maple, Yellow Birch, White Pine, Red Pine
PW/PR	7	White Pine, Red Pine
PJ/OX	4	Jack Pine, Scrub Oak and Barrens
ABW/P	0	Aspen, White Birch, Pine
OO	4	Oak - Black, White, and Burr Oak
SC	2	Swamp Conifers - White Cedar, Black Spruce, Tamarack, Hemlock

**HYDROLOGY**

PERENNIAL STREAMS	INTERMITTENT STREAMS	OPEN WATER	MARSH ACRES	DEPTH TO AQUIFER	SURFACE DRAINAGE
87 Miles	38 Miles	691 Acres	3599 Acres	20'-50'	radial