

LTA: 222Kd03

NAME:
Poynette Hills

ACRES:
58137.125

SQUARE MILES:
90.839

DESCRIPTION:

The characteristic landform pattern is hilly hummocky moraine with bedrock knolls and scattered swamps. Soils are predominantly well drained loam and sand over calcareous loamy sand, sandy loam till, sandy outwash, or sandstone. Common habitat types in

CLIMATE

CODE	PERCENT
90	18
91	82

GEOLOGY

BEDROCK TYPE DESCRIPTION
Sandstone

AVERAGE DEPTH TO BEDROCK
10050

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

GEOMORPHOLOGY

GEOMORPHOLOGY PROCESS	TOPOGRAPHY
Till, Glacial Meltwater, and Hillslope Deposition	Hilly

SURFACE
Bedrock Controlled Moraine

SOIL INFORMATION

SOIL ASSOCIATIONS

Lapeer-Wyocena-Plainfield-Oshtemo-Boone-Military-Houghton

SOIL DESCRIPTION

Well drained loamy soils with a fine sandy loam or loamy fine sand surface over calcareous sandy loam till, gravelly sand outwash, or sandstone bedrock, along with excessively drained sandy soils with a sand surface over non-calcareous sand outwash, and

SURFACE TEXTURES
FSL-LFS-S-MK

GENERAL TEXTURES
Loamy-Sandy-Mucky

FAMILY TEXTURES
COL-S-FIL-SP

DRAINAGE CLASSES
WD-ED-VPD

PARENT MATERIAL
Till-Outwash-Organic

KOTAR'S HABITAT

HABITAT 1	HABITAT 2	HABITAT 3	HABITAT 4	HABITAT 5	HABITAT 6
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*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	20008	34
Bare Land	347	1
Forested Wetland	2422	4
Grassland	9754	17
High Intensity Urban Area	143	0
Low Intensity Urban Area	145	0
Nonforested Wetland	3408	6
Open Water	5154	9
Shrubland	149	0
Upland Broad-leaved Deciduous	12436	21
Upland Coniferous Forest	1733	3
Upland Mixed Deciduous/Conifer	2438	4

FINLEY'S PRESETTLEMENT VEGETATION INFORMATION

CODE	PERCENT	DEFINITION
Hydrographic	8	Water
OO	61	Oak - Black, White, and Burr Oak
OS	14	Oak Openings - Bur, White, Black Oak
GG	5	Prairie
GLS	11	Marsh and Sedge Meadow, Wet Prairie, lowland shrubs

HYDROLOGY

PERENNIAL STREAMS	INTERMITTENT STREAMS	OPEN WATER	MARSH ACRES	DEPTH TO AQUIFER	SURFACE DRAINAGE
42 Miles	48 Miles	4942 Acres	2619 Acres	>50'	rectangular