

LTA: 222Kd05

NAME:
Prentice Creek Hills

ACRES:
19713.479

SQUARE MILES:
30.802

DESCRIPTION:

The characteristic landform pattern is hilly hummocky moraine with bedrock knolls. Soils are predominantly well drained silt and loam over calcareous sandy loam till, gravelly sand outwash, or bedrock. Common habitat types include ATiFrCa(O) and ATiFrV

CLIMATE

CODE	PERCENT
90	6
91	94

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
Till, Glacial Meltwater, and Hillslope Deposition

TOPOGRAPHY
Hilly

SURFACE
Bedrock Controlled Moraine

SOIL INFORMATION

SOIL ASSOCIATIONS

MtCarroll-Seaton-StCharles-Dresden-Boyer, Lapeer-Wyocena, Military-Knoll-NinthField-Gardner
SOIL DESCRIPTION
Well drained silty and loamy soils with a silt loam or fine sandy loam surface over non-calcareous silt loam till or loess or over calcareous gravelly sand outwash, some over sandstone or dolomite bedrock.

SURFACE TEXTURES
SIL-FSL

GENERAL TEXTURES
Silty-Loamy

FAMILY TEXTURES
FISI-FIL-FIL/SSK-COL

DRAINAGE CLASSES
WD-MWD

PARENT MATERIAL
Till-Loess-Outwash

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	8626	44
Bare Land	363	2
Forested Wetland	490	2
Grassland	2882	15
High Intensity Urban Area	15	0
Nonforested Wetland	305	2
Open Water	1219	6
Shrubland	5	0
Upland Broad-leaved Deciduous	5214	26
Upland Coniferous Forest	286	1
Upland Mixed Deciduous/Conifer	313	2

FINLEY'S PRESETTLEMENT VEGETATION INFORMATION

CODE	PERCENT	DEFINITION
Hydrographic	5	Water
NH/O	0	Sugar Maple, Basswood, Red Oak, White Oak, Black Oak
OO	62	Oak - Black, White, and Burr Oak
OS	31	Oak Openings - Bur, White, Black Oak
GLS	0	Marsh and Sedge Meadow, Wet Prairie, lowland shrubs

HYDROLOGY

PERENNIAL STREAMS	INTERMITTENT STREAMS	OPEN WATER	MARSH ACRES	DEPTH TO AQUIFER	SURFACE DRAINAGE
14 Miles	25 Miles	1303 Acres	29 Acres	20'-50'	rectangular