

**LTA: 222Ke20**NAME:  
Armstrong PlainsACRES:  
50243.297SQUARE MILES:  
78.505**DESCRIPTION:**

The characteristic landform pattern is nearly level outwash plain and marsh complex. Soils are predominantly well drained silt and loam over calcareous gravelly sandy outwash and muck. Common habitat types include AFRDe(Vb), AFRDe, and wetland.

**CLIMATE**

CODE	PERCENT
88	46
92	54

**GEOLOGY**
**BEDROCK TYPE DESCRIPTION**  
Carbonates

**AVERAGE DEPTH TO BEDROCK**  
10000

**BEDROCK DEPTH DESCRIPTION**

Bedrock is between 100 feet and 50 feet of the land surface

**GEOMORPHOLOGY**
**GEOMORPHOLOGY PROCESS**  
Glacial Meltwater and Organic Deposition

**TOPOGRAPHY**  
Nearly Level

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

Fox-Casco-Ionia-Houghton

**SOIL DESCRIPTION**

Well drained, somewhat excessively drained and moderately well drained silty and loamy soils with a silt loam or loam surface over calcareous gravelly sand outwash, along with very poorly drained nonacid organic soils.

**SURFACE TEXTURES**  
SIL-L-MK

**GENERAL TEXTURES**  
Silty-Loamy-Mucky

**FAMILY TEXTURES**  
FISI/SSK-FIL-SP

**DRAINAGE CLASSES**  
WD-SED-MWD-VPD

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

HABITAT 1	HABITAT 2	HABITAT 3	HABITAT 4	HABITAT 5	HABITAT 6

\*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	19380	39
Bare Land	563	1
Cloud Cover	286	1
Forested Wetland	10160	20
Grassland	3313	7
High Intensity Urban Area	10	0
Low Intensity Urban Area	11	0
Nonforested Wetland	13932	28
Open Water	598	1
Shrubland	24	0
Upland Broad-leaved Deciduous	1922	4
Upland Coniferous Forest	46	0

**FINLEY'S PRESETTLEMENT VEGETATION INFORMATION**

CODE	PERCENT	DEFINITION
Hydrographic	1	Water
BE/O	3	Beech, Sugar Maple, Basswood, Red Oak, White Oak, Black Oak
NH/O	20	Sugar Maple, Basswood, Red Oak, White Oak, Black Oak
OO	26	Oak - Black, White, and Burr Oak
OS	2	Oak Openings - Bur, White, Black Oak
GG	3	Prairie
SC	31	Swamp Conifers - White Cedar, Black Spruce, Tamarack, Hemlock
LH	4	Lowland Hardwoods - Willow, Soft Maple, Box Elder, Ash, Elm, Cotton Wood, River Birch
GLS	5	Marsh and Sedge Meadow, Wet Prairie, lowland shrubs

**HYDROLOGY**

PERENNIAL STREAMS	INTERMITTENT STREAMS	OPEN WATER	MARSH ACRES	DEPTH TO AQUIFER	SURFACE DRAINAGE
55 Miles	20 Miles	1468 Acres	22255 Acres	0'-20'	rectangular