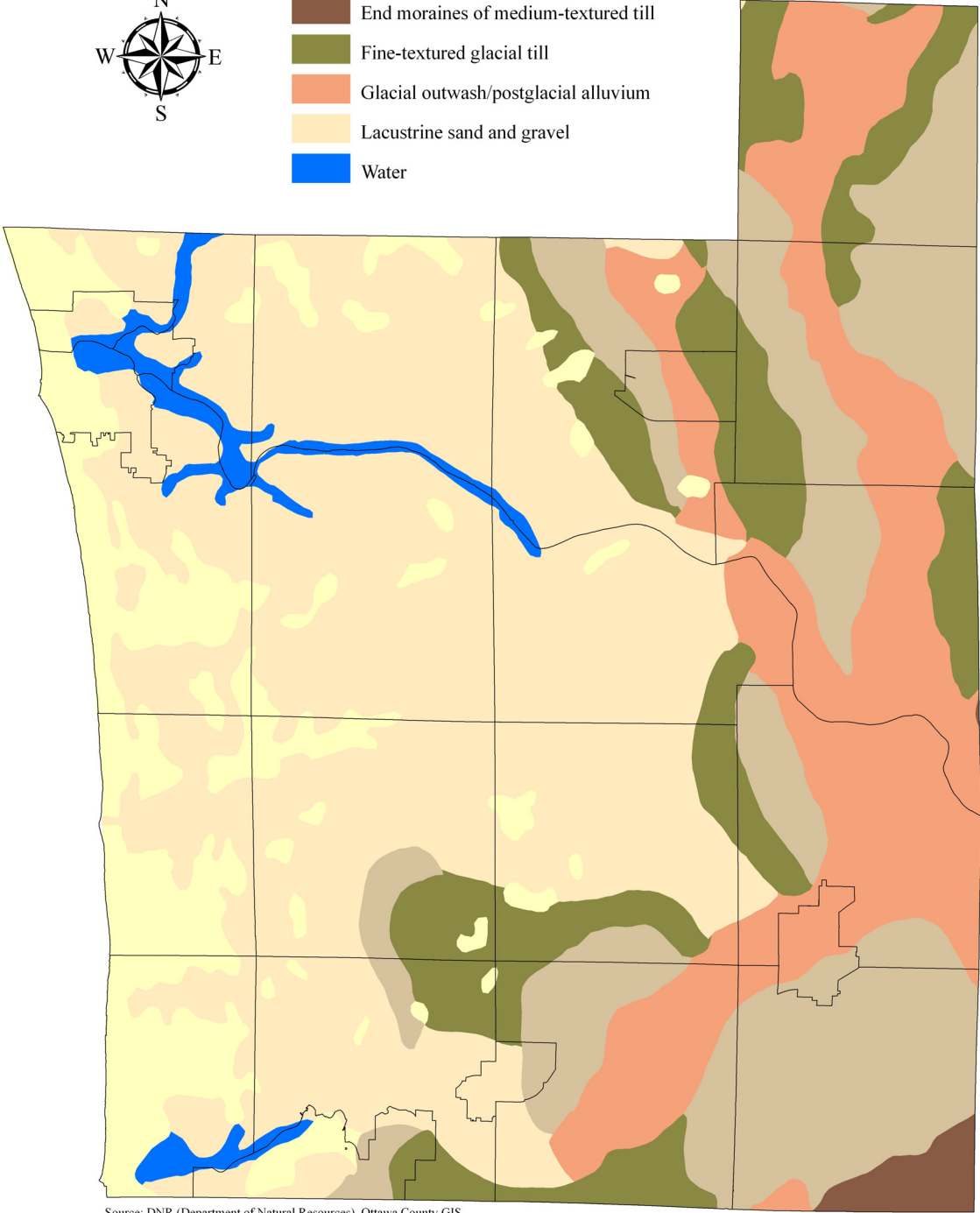


# Quaternary Geology (Ottawa County)

## Legend

- Dune sand
- End moraines of fine-textured till
- End moraines of medium-textured till
- Fine-textured glacial till
- Glacial outwash/postglacial alluvium
- Lacustrine sand and gravel
- Water



Source: DNR (Department of Natural Resources), Ottawa County GIS

# Quaternary Geology (Ottawa County, Municipality)

Unit of Government	Dune Sand*		End moraines of fine-textured till*		End moraines of medium-textured till*		Fine-textured glacial till*		Glacial outwash/postglacial alluvium*		Lacustrine sand and gravel*		Water**		Total Acreage**
	Acreage	%	Acreage	%	Acreage	%	Acreage	%	Acreage	%	Acreage	%	Acreage	%	
<b>City/Village</b>															
Coopersville	0.0	0.0%	970.4	31.8%	0.0	0.0%	1,089.3	35.8%	988.4	32.4%	0.0	0.0%	0.0	0.0%	3,048.1
Ferrysburg	886.1	38.8%	0.0	0.0%	0.0	0.0%	0.0	0.0%	0.0	0.0%	944.3	41.3%	455.6	19.9%	2,286.0
Grand Haven	1,869.0	46.4%	0.0	0.0%	0.0	0.0%	0.0	0.0%	0.0	0.0%	1,591.8	39.5%	568.2	14.1%	4,029.0
Holland***	1,474.6	25.4%	1,215.7	20.9%	0.0	0.0%	677.5	11.7%	0.0	0.0%	2,154.2	37.1%	289.1	4.9%	5,811.1
Hudsonville	0.0	0.0%	853.1	32.1%	0.0	0.0%	0.0	0.0%	1,803.6	67.9%	0.0	0.0%	0.0	0.0%	2,656.7
Spring Lake	0.0	0.0%	0.0	0.0%	0.0	0.0%	0.0	0.0%	0.0	0.0%	588.6	53.0%	522.6	47.0%	1,111.2
Zeeland	0.0	0.0%	630.7	32.9%	0.0	0.0%	29.4	1.5%	0.0	0.0%	1,260.0	65.6%	0.0	0.0%	1,920.1
<b>Township</b>															
Allendale	260.3	1.3%	99.2	0.5%	0.0	0.0%	1,091.7	5.3%	2,466.9	12.0%	16,411.0	79.9%	203.6	1.0%	20,532.7
Blendon	1,113.2	4.8%	1,399.9	6.0%	0.0	0.0%	5,348.8	23.0%	506.5	2.2%	14,902.8	64.0%	0.0	0.0%	23,271.2
Chester	0.0	0.0%	6,862.6	30.0%	0.0	0.0%	6,990.7	30.5%	9,043.5	39.5%	14.1	0.06%	0.0	0.0%	22,910.9
Crockery	2,282.8	10.7%	0.0	0.0%	0.0	0.0%	0.0	0.0%	0.0	0.0%	18,319.8	85.8%	752.6	3.5%	21,355.2
Georgetown	0.0	0.0%	5,344.0	24.5%	0.0	0.0%	1,646.6	7.6%	14,189.9	65.1%	621.1	2.8%	0.0	0.0%	21,801.6
Grand Haven	8,043.6	42.5%	0.0	0.0%	0.0	0.0%	0.0	0.0%	0.0	0.0%	9,761.6	51.6%	1,123.9	5.9%	18,929.1
Holland	641.3	3.6%	1,028.3	5.8%	0.0	0.0%	3,443.9	19.6%	0.0	0.0%	12,326.5	70.1%	150.9	0.9%	17,590.9
Jamestown	0.0	0.0%	18,277.3	80.7%	3,388.3	14.9%	0.0	0.0%	991.8	4.4%	0.0	0.0%	0.0	0.0%	22,657.4
Olive	2,638.5	11.4%	1,798.2	7.8%	0.0	0.0%	3,006.2	12.9%	0.0	0.0%	15,719.6	67.9%	0.0	0.0%	23,162.5
Park	8,237.9	60.5%	0.0	0.0%	0.0	0.0%	0.0	0.0%	0.0	0.0%	4,168.4	30.7%	1,193.1	8.8%	13,599.4
Polkton	1,316.3	5.2%	4,630.5	18.2%	0.0	0.0%	6,579.9	25.9%	3,705.0	14.5%	8,945.3	35.2%	254.5	1.0%	25,431.5
Port Sheldon	8,077.0	55.9%	0.0	0.0%	0.0	0.0%	0.0	0.0%	0.0	0.0%	6,364.6	44.1%	0.0	0.0%	14,441.6
Robinson	1,535.4	6.1%	0.0	0.0%	0.0	0.0%	0.0	0.0%	0.0	0.0%	22,939.2	90.7%	819.5	3.2%	25,294.1
Spring Lake	2,730.8	25.6%	0.0	0.0%	0.0	0.0%	0.0	0.0%	0.0	0.0%	6,447.7	60.3%	1,508.9	14.1%	10,687.4
Tallmadge	0.0	0.0%	4,171.2	19.8%	24.8	0.1%	4,745.9	22.5%	11,935.6	56.6%	222.1	1.0%	0.0	0.0%	21,099.6
Wright	0.0	0.0%	12,891.4	55.6%	0.0	0.0%	3,873.8	16.7%	6,417.7	27.7%	0.0	0.0%	0.0	0.0%	23,182.9
Zeeland	10.4	0.1%	7,920.0	35.9%	0.0	0.0%	4,225.2	19.2%	8,065.0	36.6%	1,816.6	8.2%	0.0	0.0%	22,037.2
<b>Ottawa County</b>	<b>41,117.2</b>	<b>11.1%</b>	<b>68,092.5</b>	<b>18.5%</b>	<b>3,413.1</b>	<b>0.9%</b>	<b>42,748.9</b>	<b>11.6%</b>	<b>60,113.9</b>	<b>16.3%</b>	<b>145,519.3</b>	<b>39.5%</b>	<b>7,842.5</b>	<b>2.1%</b>	<b>368,847.2</b>

Source: DNR (Department of Natural Resources), Ottawa County GIS, 1982

\* See the Glossary of Terms for the definitions

\*\* The acreage will vary slightly depending on the source

\*\*\* This represents the portion of Holland City located within Ottawa County