

Ground-Water Resources of SANDUSKY COUNTY

by James J. Schmidt

Site	Depth	Critical Pump Level	Iron	Hardness as CaCO ₃	Calcium	Dissolved Solids	Specific Conductance	Hydrogen Sulfide	Sulfates
A	250'	170'	.73	345	87	388	662	1.8	71
B	390		1.0	461	109	516	835	-	128
C	180		3.0	1800	469	2360	2640	2	1530
	340	175	.37	1850	484	2370	2690	1.2	1520
D			14.0	1680		2582			672
E			.07	1620	586	2100	2140		1290
F	125			360		462			
G	280	120	1.2	447	105	497	811	.8	116
H	163	115	1.3	1080	282	1430	1810	2	878
I	108	95	2.2	1230	375	1570	1880	.3	878

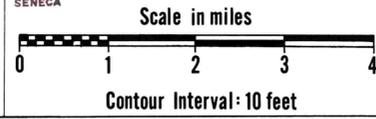
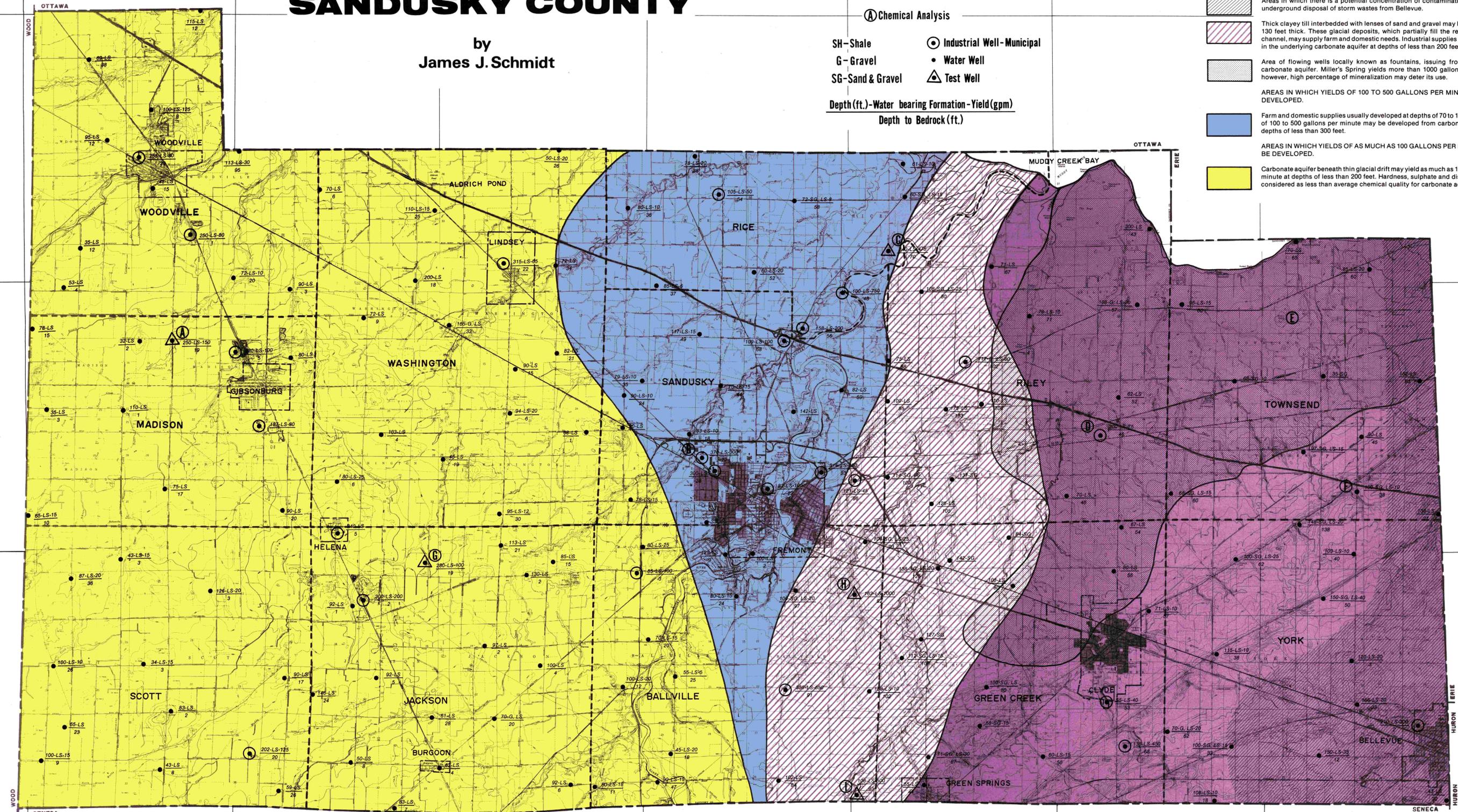
* Cased and grouted to 180 ft.
Chemical constituents in milligrams per liter (mg/l)

Chemical Analysis

- SH - Shale
- G - Gravel
- SG - Sand & Gravel
- Industrial Well - Municipal
- Water Well
- Test Well

Depth (ft.) - Water bearing Formation - Yield (gpm)
Depth to Bedrock (ft.)

- AREAS IN WHICH YIELDS OF 500 TO 1000 GALLONS PER MINUTE MAY BE DEVELOPED.
- Source supply for drilled wells in limestone-dolomite bedrock, the carbonate aquifer. Municipal and industrial supplies are developed from large diameter wells drilled to depths of as much as 250 feet. High degree of hardness dissolved solids, hydrogen sulfide, and sulfates may deter its use.
- AREAS IN WHICH THERE IS A POTENTIAL CONCENTRATION OF CONTAMINATION DUE TO THE UNDERGROUND DISPOSAL OF STORM WASTES FROM BELLEVUE.
- Thick clayey till interbedded with lenses of sand and gravel may be as much as 130 feet thick. These glacial deposits, which partially fill the remnant buried channel, may supply farm and domestic needs. Industrial supplies are developed in the underlying carbonate aquifer at depths of less than 200 feet.
- Area of flowing wells locally known as fountains, issuing from underlying carbonate aquifer. Miller's Spring yields more than 1000 gallons per minute, however, high percentage of mineralization may deter its use.
- AREAS IN WHICH YIELDS OF 100 TO 500 GALLONS PER MINUTE MAY BE DEVELOPED.
- Farm and domestic supplies usually developed at depths of 70 to 100 feet. Yields of 100 to 500 gallons per minute may be developed from carbonate aquifer at depths of less than 300 feet.
- AREAS IN WHICH YIELDS OF AS MUCH AS 100 GALLONS PER MINUTE MAY BE DEVELOPED.
- Carbonate aquifer beneath thin glacial drift may yield as much as 100 gallons per minute at depths of less than 200 feet. Hardness, sulphate and dissolved solids considered as less than average chemical quality for carbonate aquifer.



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