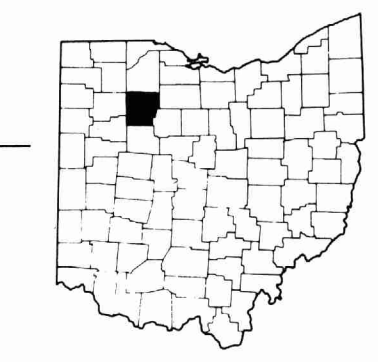
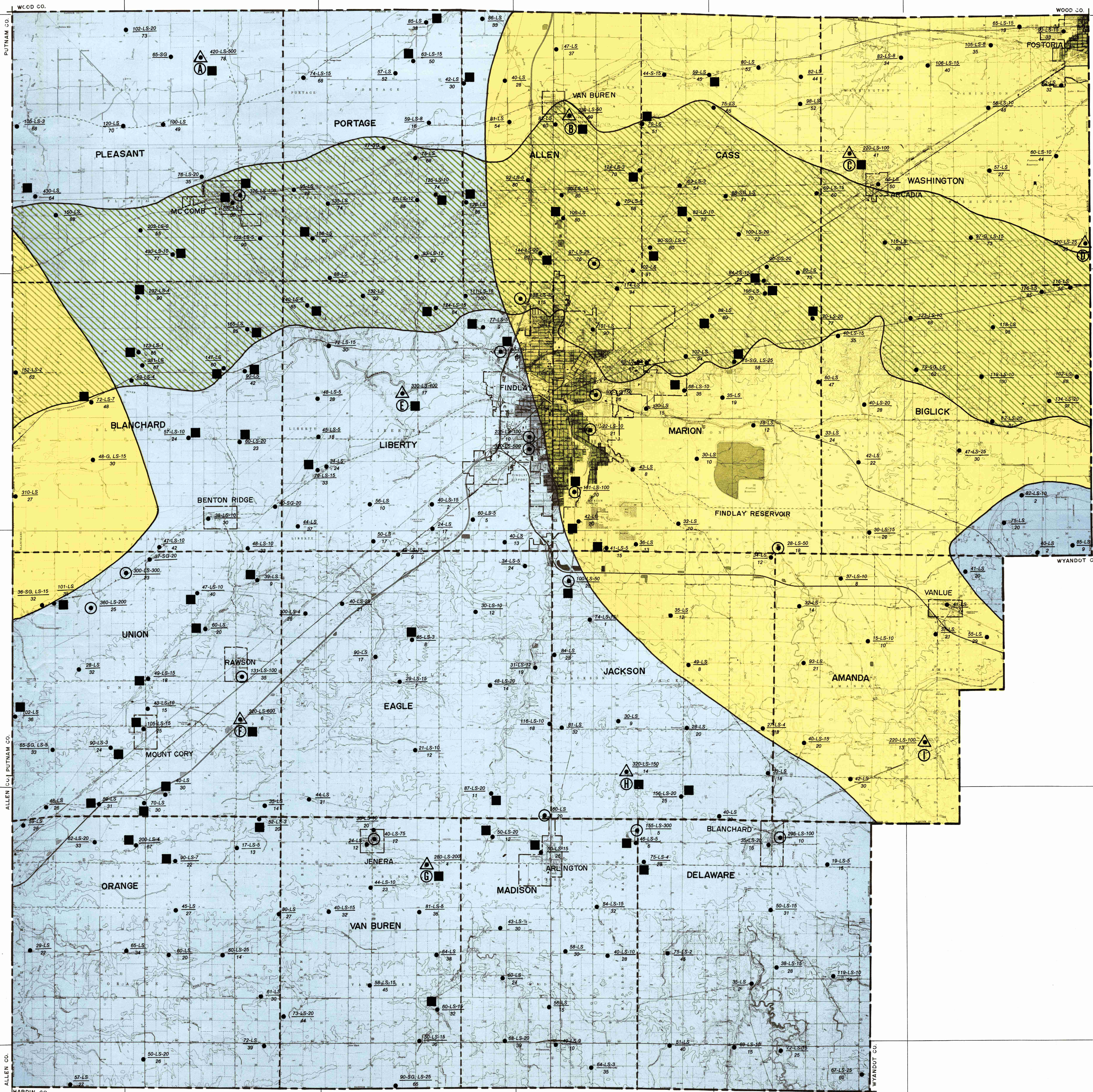


Ground-Water Resources of HANCOCK COUNTY

by
James J. Schmidt



Index Map



Depth (ft) - Water-bearing formation - Yield (gpm)
Depth to bedrock (ft)

S - Sand
G - Gravel
LS - Limestone

- Hydrogen Sulfide noted
- Water Well
- ▲ Test Well
- Municipal-Industrial Well
- Ⓐ Site-Chemical Analysis

Site	Depth	Critical Pump Level	Iron	Hardness as CaCO ₃	Dissolved Solids	Hydrogen Sulfide	Specific Conductance	Sulfates
A	420	125	.57	915	1420	8.7	1820	685
B	230	-	-	565	-	2.0	-	-
C	220	90	1.5	1090	1650	3	1990	1080
D	220	-	-	835	1210	-	1610	724
E	330	60	.20	1060	1430	17	1770	730
F	320	140	.14	558	672	7.2	1040	186
G	280	100	.25	930	1190	3.7	1590	596
H	320	80	4.2	667	-	1.0	-	-
I	220	130	1.7	695	918	0.2	1300	406

Chemical Constituents in milligrams per liter (mg/l)
(* Chemical analysis by Hach Kit - Field Tested)

AREAS IN WHICH YIELDS OF 100 TO 500 GALLONS PER MINUTE MAY BE DEVELOPED.

Farm and domestic supplies usually developed at depths of less than 100 feet. Yields of 100 to 500 gallons per minute may be developed from limestone/dolomite at depths of less than 250 feet. Many drilling contractors drill wells less than 50 feet to attempt the development of ground water free of hydrogen sulfide.

AREAS IN WHICH YIELDS OF AS MUCH AS 100 GALLONS PER MINUTE MAY BE DEVELOPED.

Limestone/dolomite aquifer may yield as much as 25 to 100 gallons per minute at depths of less than 200 feet. Shallow wells less than 55 feet deep often drilled to attempt the development of sulfur free water. Yields of less than 5 gallons per minute may be recorded.

Glacial deposits associated with the Defiance moraine are more than 55 feet thick. Domestic supplies may be developed from thin lenses of sand and gravel interbedded in thick glacial till or wells are deepened to principal aquifer, the limestone bedrock.

"This map was made possible in part by a grant from the U.S. Water Resources Council".

1:62,500

Scale in miles



Contour Interval: 10 feet

Ohio Department of Natural Resources

DIVISION OF WATER
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