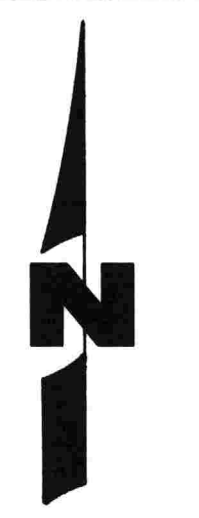
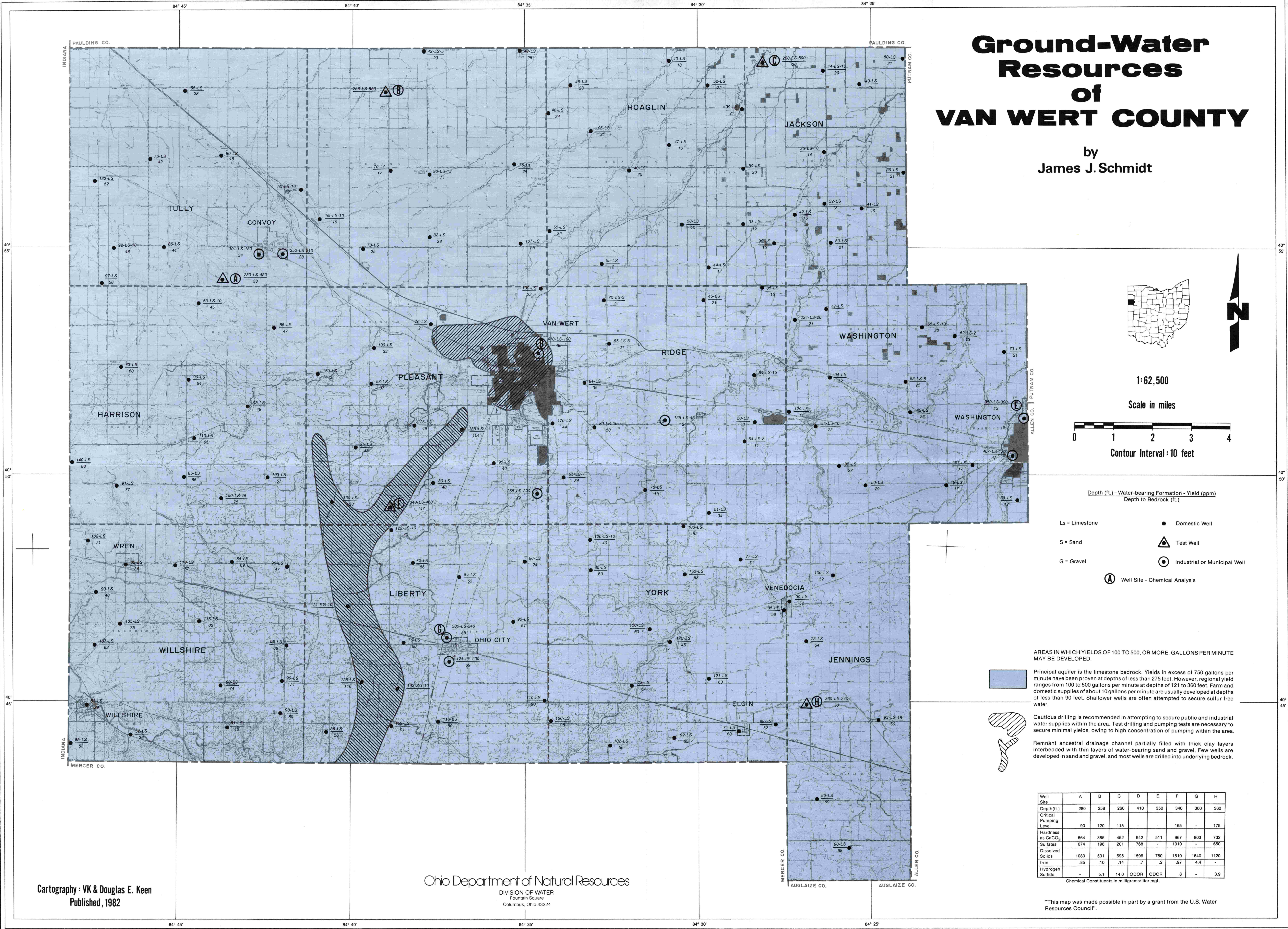


Ground-Water Resources of VAN WERT COUNTY

by
James J. Schmidt



1:62,500

Scale in miles



Contour Interval: 10 feet

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

- Ls = Limestone
- S = Sand
- G = Gravel
- Domestic Well
- Test Well
- Industrial or Municipal Well
- Well Site - Chemical Analysis

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

Principal aquifer is the limestone bedrock. Yields in excess of 750 gallons per minute have been proven at depths of less than 275 feet. However, regional yield ranges from 100 to 500 gallons per minute at depths of 121 to 360 feet. Farm and domestic supplies of about 10 gallons per minute are usually developed at depths of less than 90 feet. Shallower wells are often attempted to secure sulfur free water.

Cautious drilling is recommended in attempting to secure public and industrial water supplies within the area. Test drilling and pumping tests are necessary to secure minimal yields, owing to high concentration of pumping within the area.

Remnant ancestral drainage channel partially filled with thick clay layers interbedded with thin layers of water-bearing sand and gravel. Few wells are developed in sand and gravel, and most wells are drilled into underlying bedrock.

Well Site	A	B	C	D	E	F	G	H
Depth(ft.)	280	258	260	410	350	340	300	360
Critical Pumping Level	90	120	115	-	-	165	-	175
Hardness as CaCO ₃	664	385	452	942	511	967	803	732
Sulfates	674	198	201	768	-	1010	-	650
Dissolved Solids	1080	531	595	1596	750	1510	1640	1120
Iron	.85	.10	.14	.7	.2	.97	4.4	-
Hydrogen Sulfide	-	5.1	14.0	ODOR	ODOR	8	-	3.9

Chemical Constituents in milligrams/liter mg/l.

Cartography: VK & Douglas E. Keen
Published, 1982

Ohio Department of Natural Resources
DIVISION OF WATER
Fountain Square
Columbus, Ohio 43224

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