



Ground-Water Resources of HARRISON COUNTY


by Katie Crowell

AREAS IN WHICH 3 TO 10 GALLONS PER MINUTE CAN BE DEVELOPED

 Ground water is obtained from sandstones and sandy shales of the Allegheny Group. Bedrock wells will generally yield adequate domestic supplies. Farm supplies may be obtained from locally thick sandstones. Little or no glacial cover is apparent.

 Fill along stream valleys consists largely of clay, fine sand, and silt. Occasional sand and gravel deposits of limited extent provide yields of 25 gallons per minute, though reported yields have been as high as 100 gpm. Otherwise valley fill is not a source of ground water and wells must be drilled into the underlying bedrock.

AREAS IN WHICH LESS THAN 3 GALLONS PER MINUTE CAN BE DEVELOPED

 Unglaciated sandstones, shales, limestones and coal in thin beds provide meager ground-water supplies. Yields average 2 gallons per minute. Additional storage is required for adequate domestic use. Instances in which salt water has been encountered at a shallow depth have been noted.

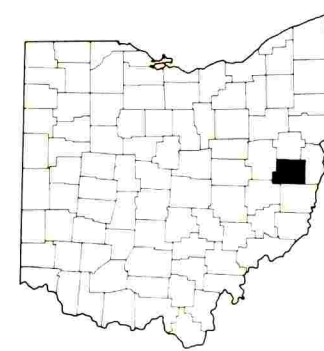
The ground-water characteristics of Harrison county have been mapped regionally based upon the interpretation of 1500 water well records, the area's geology and hydrology. Well log data on the map was selected as typical for the areas shown. Information regarding specific sites may be obtained from the Division of Water.

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

Depth to Bedrock (ft.)

• Water Well SS-Sandstone LS-Limestone

⊙ Industrial-Municipal Well SH-Shale

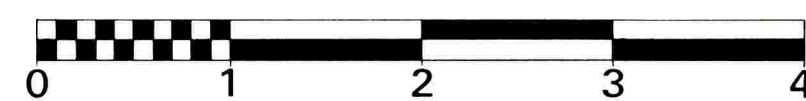


Index Map



CADIZ - Township CADIZ - Municipality

Scale in miles



Contour Interval: 10 feet

Ohio Department of Natural Resources

DIVISION OF WATER
Fountain Square
Columbus, Ohio 43224

