Water-Data Report 2012

421705092142501 Local number 086N12W04DDD 1997NAWQA obs/Benton County

Sand and gravel aquifers (glaciated regions)
Holocene Alluvium

Benton County, IA

LOCATION.--Lat 42°17'05.2", long 92°14'24.6" referenced to North American Datum of 1983, in SE ¼ SE ¼ SE ¼ sec.4, T.86 N., R.12 W., Benton County, IA, Hydrologic Unit 07080205, 380 ft north from intersection of County Highway V40 and 51st Street, and 2.0 mi southwest of La Porte City.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Depth 17.5 ft. Upper casing diameter 2 in; top of first opening 12.5 ft, bottom of last opening 17.5 ft. Drilled observation well, cased to 12.5 ft, screened from 12.5 to 17.5 ft. All depths below land-surface datum.

DATUM.--Land-surface datum is 839.79 ft above North American Vertical Datum of 1988. Measuring point: top of casing, 3.58 ft above land-surface datum, July 16, 2009, to present. Land-surface datum from lidar digital elevation model.

PERIOD OF RECORD.--Water years 1997, 1999, 2006, 2007, 2009-2012.

WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM
WATER YEAR OCTOBER 2011 TO SEPTEMBER 2012
[Measurement method: S, steel tape.
Water-level status: --, static.]

Date	Water level	Measurement method	Water- level status
Aug 2	9.07	S	--

Suggested citation: U.S. Geological Survey, 2012, Water-resources data for the United States, Water Year 2012: U.S. Geological Survey Water-Data Report WDR-US-2012, site 421705092142501, accessed at http://wdr.water.usgs.gov/wy2012/pdfs/421705092142501.2012.pdf