



Water-Data Report 2011

352803083013501 Local number HW-082 NEAR HYATT CREEK, NC

Piedmont and Blue Ridge crystalline-rock aquifers
Mafic Gneiss

Haywood County, NC

LOCATION.--Lat 35°28'02.6", long 83°01'34.6" referenced to North American Datum of 1983, Haywood County, NC, Hydrologic Unit 06010106, 200 ft north of Hyatt Creek Road, 0.75 mi west of United States Highway 23 near Waynesville, NC.

GROUNDWATER RECORDS

WELL CHARACTERISTICS.--Reported dept 380 ft, diameter 6 in.

DATUM.--Land-surface datum is 2,880 ft above National Geodetic Vertical Datum of 1929. Measuring point: 0.90 ft above land-surface datum, August 2010.

PERIOD OF RECORD.--August 2010.

GAGE.--Measured with acoustic pulse instrument.

REMARKS.--Well sampled as part of a study evaluation the effect of septic systems on groundwater in Haywood County, North Carolina. Cooperators for the study include the Haywood Waterways Association, the North Carolina Department of Environment and Natural Resources, Division of Water Quality, Asheville Regional Office, the North Carolina Department of the Environment and Natural Resources, Division of Environmental Health, Wasterwater Discharge Elimination Program, Asheville Regional Office, and the North Carolina State University, Soil Science Department.

WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM

[Measurement method: . Water-level status: R, site had been pumped recently.]

Date	Water level	Measurement method	Water- level status
Aug 25, 2010	52	P	R

352803083013501 Local number HW-082 NEAR HYATT CREEK, NC—Continued

WATER-QUALITY RECORDS

PERIOD OF RECORD.--August 2010.

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WATER-QUALITY DATA

WATER YEAR OCTOBER 2009 TO SEPTEMBER 2010

[mg/L, milligrams per liter; mm Hg, millimeters of mercury; °C, degrees Celsius; µS/cm, microsiemens per centimeter]

Date	Sample start time	Medium name	Sample type	Barometric pressure, mm Hg (00025)	Dissolved oxygen, water, unfiltered, mg/L (00300)	pH, water, unfiltered, field, standard units (00400)	Specific conductance, water, unfiltered, µS/cm at 25 °C (00095)	Temperature, water, °C (00010)
08-25-2010	1245	Groundwater	Regular	689	.2	8.1	130	14.2