Water-Data Report 2008

355422080492001 Local number IR-179, NCDENR Allison Woods Research Station PZ-3 near Turnersburg (Regolith)

Piedmont and Blue Ridge crystalline-rock aquifers
Regolith

Iredell County, NC

LOCATION.--Lat 35°54'22.62", long 80°49'20.94" referenced to North American Datum of 1983, Iredell County, NC, Hydrologic Unit 03040102, 1.7 mi east of U.S. Interstate 77, 0.4 mi north of U.S. Highway 21 on Allison Woods Foundation property. Owner: NCDENR (North Carolina Department of Environment and Natural Resources), Division of Water Quality.

GROUND-WATER RECORDS

WELL CHARACTERISTICS.--Drilled observation well, depth 37 ft, diameter 4 in., cased to 23 ft, screened interval from 23 ft to 37 ft, sand filter packed from 26 ft to 37 ft.

DATUM.--Land-surface datum is 895.35 ft above North American Vertical Datum of 1988. Measuring point: DIVOT ON OUTER STEEL PROTECTIVE CASING, 2.72 ft above land-surface datum, May 12, 2006, to present.

PERIOD OF RECORD.--May 2006 to current year.

GAGE.--Measured periodically with electric tape (by USGS and NCDENR, Division of Water Quality).

REMARKS.--Well is part of Piedmont/Mountains groundwater project.

EXTREMES FOR PERIOD OF RECORD.--Well dry for period of record.

WATER LEVELS IN FEET BELOW LAND-SURFACE DATUM

[Measurement method: T, electric tape. Water-level status: D, site was dry (no water level was recorded).]

Date	Water level	Measure-ment method	Water-level status	Date	Water level	Measure-ment method	Water-level status
Oct 16, 2007		T	D	Apr 21, 2008		T	D
31		T	D	May 14		T	D
Nov 15		T	D	Jun 12		T	D
30		T	D	30		T	D
Dec 20		T	D	Jul 18		T	D
Jan 25, 2008		T	D	29		T	D
Feb 21		T	D	Sep 4		T	D
Mar 28		T	D				