



Water-Data Report 2007

**403535075403801 Local number LE 1429**

Valley and Ridge aquifers  
Martinsburg Shale  
Lehigh County, PA

LOCATION.--Lat 40°35'34.5", long 75°40'37.5" referenced to North American Datum of 1983, Lehigh County, PA, Hydrologic Unit 02040106.

**WATER-QUALITY RECORDS**

WELL CHARACTERISTICS.--Depth 200 ft. Upper casing diameter 6 in, top of first opening 40 ft, bottom of last opening 200 ft.

DATUM.--Land-surface datum is 710 ft above National Geodetic Vertical Datum of 1929. Measuring point: Undefined.

PERIOD OF RECORD.--March 2007 to current year.

COOPERATION.--Station established and maintained by the U.S. Geological Survey in cooperation with the Pennsylvania Department of Health and Pennsylvania Department of Environmental Protection.

**WATER-QUALITY DATA  
WATER YEAR OCTOBER 2006 TO SEPTEMBER 2007**

[Remark codes: E, estimated.]

Date	Time	Calcium water unfltrd recover -able, mg/L (00916)	Potas- sium, water, unfltrd recover -able, mg/L (00937)	Sodium, water, unfltrd recover -able, mg/L (00929)	Silica, water, unfltrd mg/L (00956)	Arsenic water, unfltrd µg/L (01002)	Iron, water, unfltrd recover -able, µg/L (01045)
Mar 22...	1200	42.5	E.48	5.5	17.2	E.20	98