WELL SCHEDULE

SITE NAME 14FF27 OTHER IDENTIFIER Pike Street WELL NUMBER 335720083594301

Latitude 33° 57' 20.32" Longitude -83° 59' 42.65" Ground Elevation 1048.3 NGVD 29

OWNER City of Lawrenceville Casing Elevation 1050.7 NGVD 29

WELL CONSTRUCTION DESCRIPTION

Name of Aquifer: metamorphic - crystalline rock

TYPE OF DRILLING

_X_ Rotary
____ Percussion
____ Bored

Total Depth 600

Static Water Level (bls)
15.1 @
10/31/2001 8:20:00 AM

DRILL HOLE DIAMETER

Size - in, from 0 ft. to 59 ft.
Size 6 in, from 91 ft. to 600 ft.
Size _____ in, from _____ ft. to _____ ft.

CASING RECORD

Type material steel (0-59), liner (0-91)
Size 6 in, from 0 ft. to 59 ft.
Size 6 in, from 0 ft. to 91 ft.
Size _____ in, from _____ ft. to _____ ft.

WELL SCREEN

Type material open hole
Size _____ in, from _____ ft. to _____ ft.
Size _____ in, from _____ ft. to _____ ft.
Size _____ in, from _____ ft. to _____ ft.

Date drilled 3/6/1995 3/13/1995

Driller Middle Georgia Water Systems

GROUTING [X] YES [ ] NO

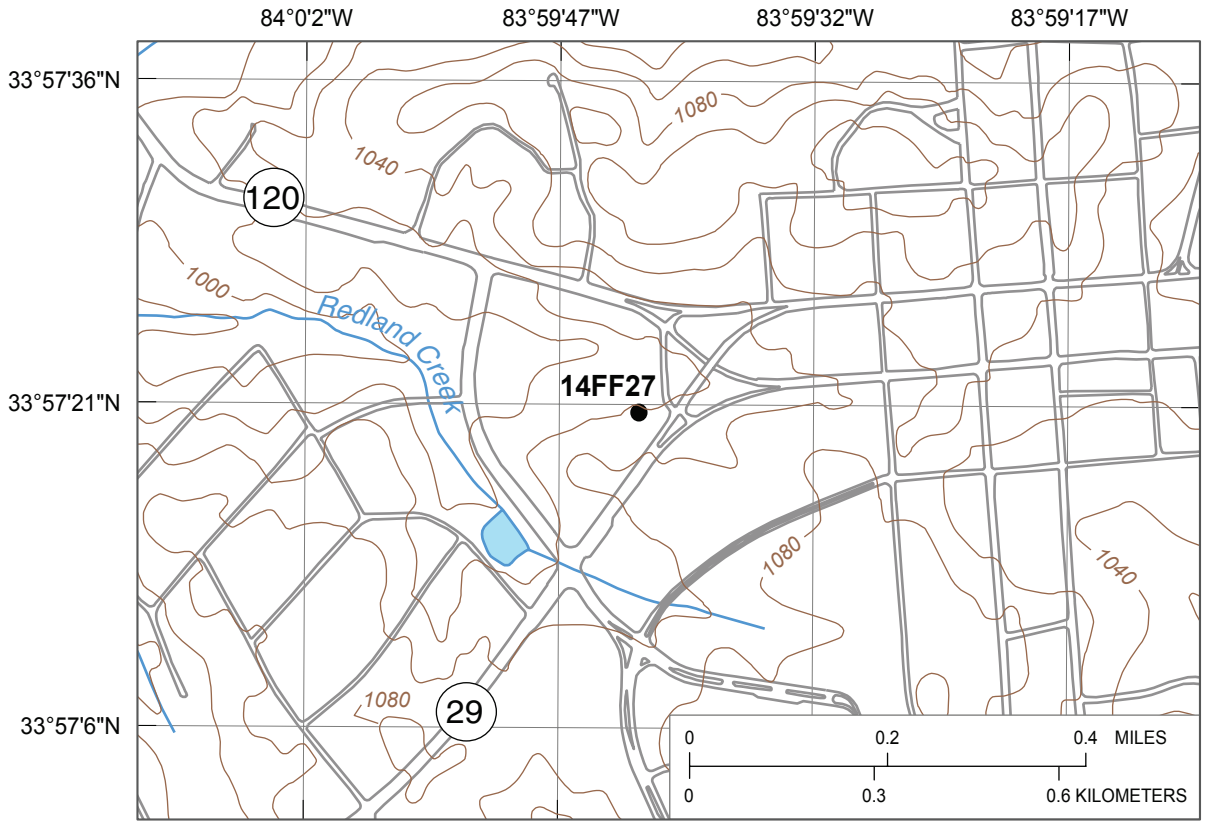
Type cement grout
From 0 ft. to 59 ft.
From _____ ft. to _____ ft.
From _____ ft. to _____ ft.

TEST PUMP DATA

Pumped _X_ Bailed _____
Estimated 150 (air-lift yield)
Date tested _____
Pump rated _____ gal/min _____HP
Test yield _____ gal/min After _____ hrs
Water level before test _____ft BTOC.
Drawdown _____ ft.
Specific Capacity _____ gal/min/ft

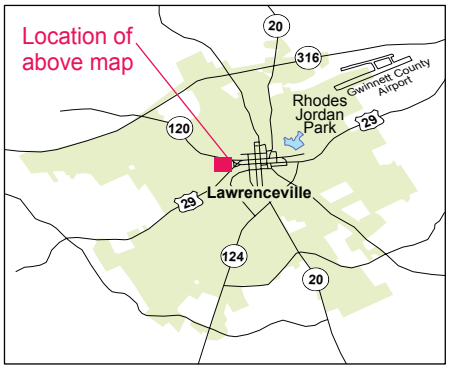
Altitudes are in reference to NGVD 29
Latitude/longitude in NAD 83
Depths are in feet below land surface (bls)
Feet below top of casing (ft btoc)

Comments: Well part of City ground-water exploration effort, drilling oversite by Emory and Garrett; openings at 62-86', 103-104', 115.5-116.5' probably yield small amouts of water based on air-lift yield from this portion of hole (8 gal/min); openings at 163-164', 166-168' are small and are possible production zones, fracture at 180-182' appears to be water bearing based on air-lift yield increase observed, openings at 290-294' are possible production zones; major water-bearing zones at 329-339', 432-430', 571-572'



Base from U.S. Geological Survey 1:24,000-scale, Luxomni Roads from City of Lawrenceville 1999 digital data

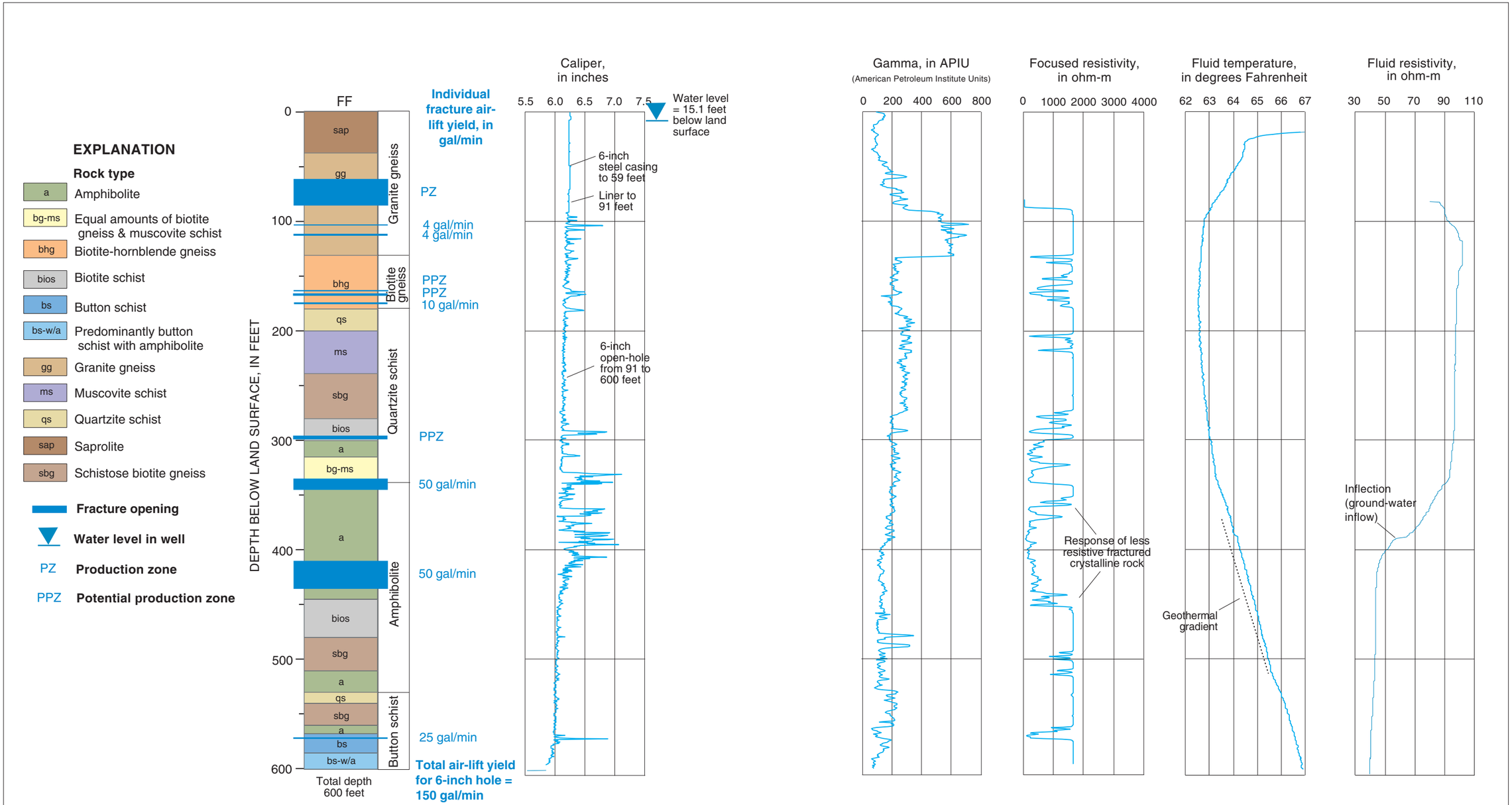
14FF27 ● **EXPLANATION**
Observation well and site name



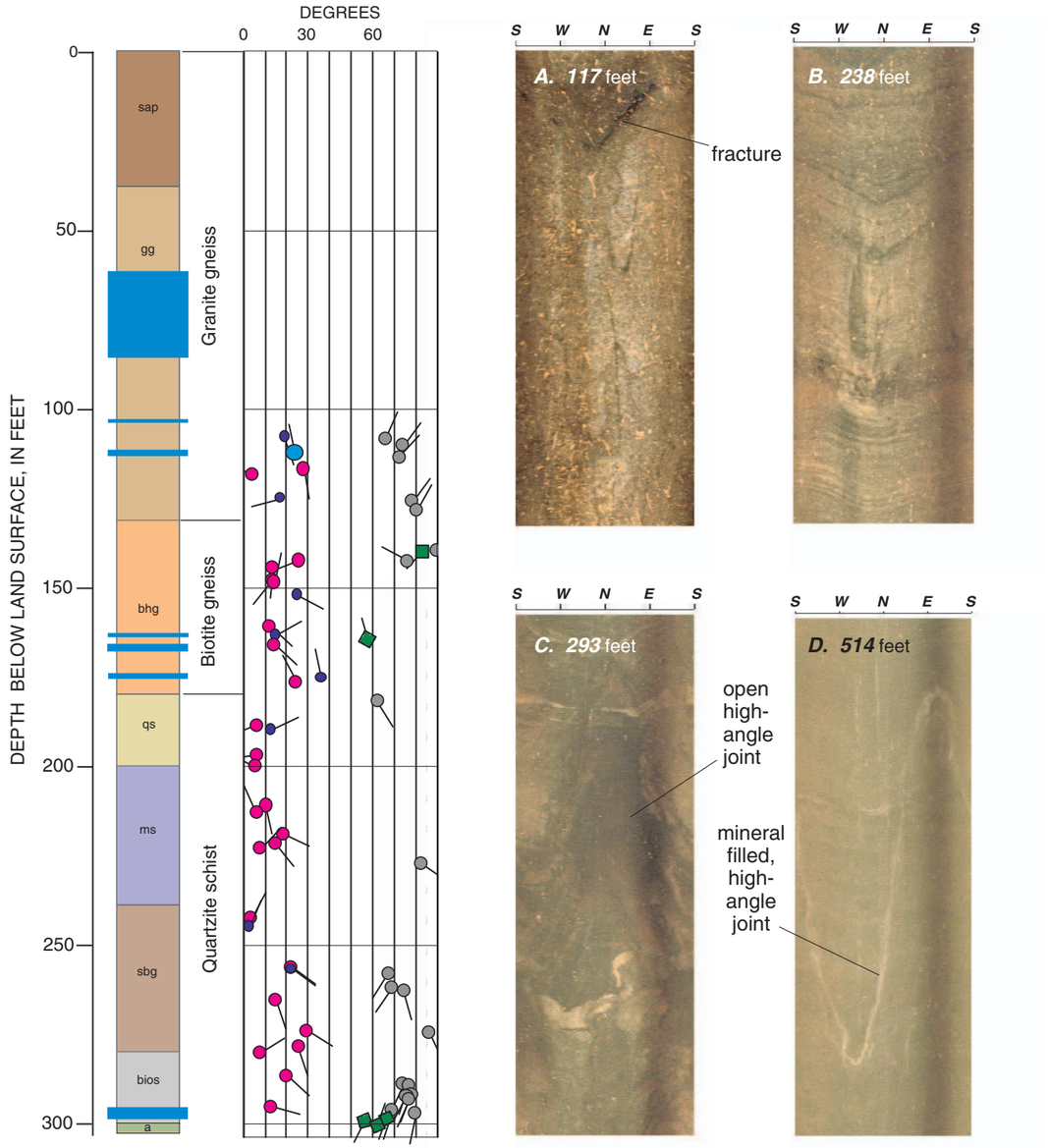
Geophysical log files for well 14FF27 [contained on CD in Supplemental_data\log_archive\logs.zip; ft bls, feet below land surface]

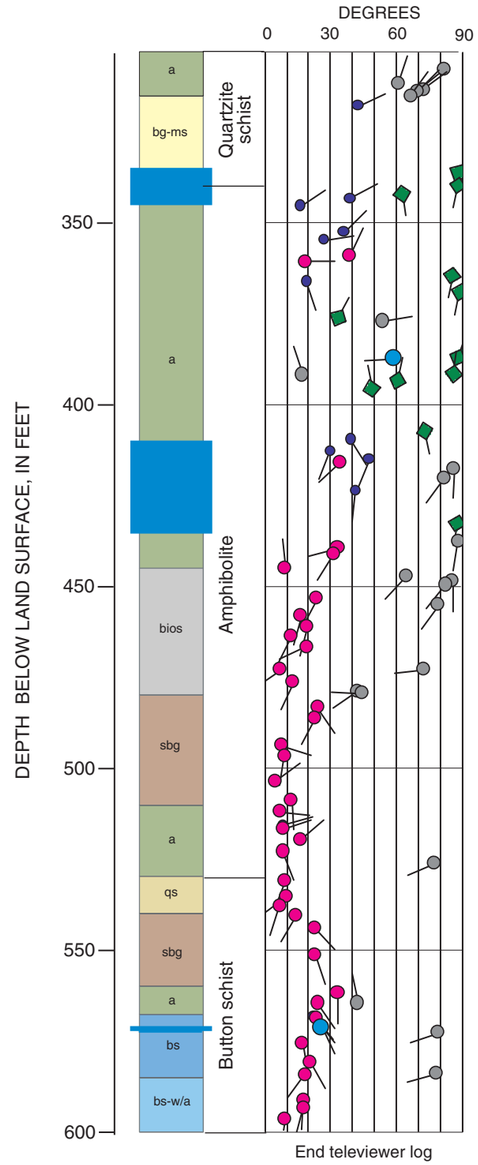
File name	Type	Date	Start depth (ft bls)	Stop depth (ft bls)
14FF27.19970225.AT01	Acoustic Televiewer[1]	2/25/97	92.3	600
14FF27.19950828.AV01	Acoustic Velocity	8/28/95	88	593.5
14FF27.19950828.CT01	Caliper, Three Arm	8/28/95	0	595.6
14FF27.19980917.CT01	Caliper, Three Arm	9/17/98	1.9	600
14FF27.19950828.FT01	Fluid Temperature	8/28/95	2	600
14FF27.19950828.EF01	Focused Resistivity	8/28/95	9.5	95.5
14FF27.19950828.NG01	Gamma	8/28/95	0	599
14FF27.19950828.EL01	Long-normal Resistivity	8/28/95	95.5	598.5
14FF27.19950828.ES01	Short-normal Resistivity	8/28/95	92.5	600
14FF27.19950828.EP01	Spontaneous Potential	8/28/95	85	600

[1/] Does not include trace data, original log is provided in Century binary format under the same file name with extension ".log"



Lithology and borehole geophysical logs for well 14FF27 (Pike Street well), Lawrenceville, Georgia.





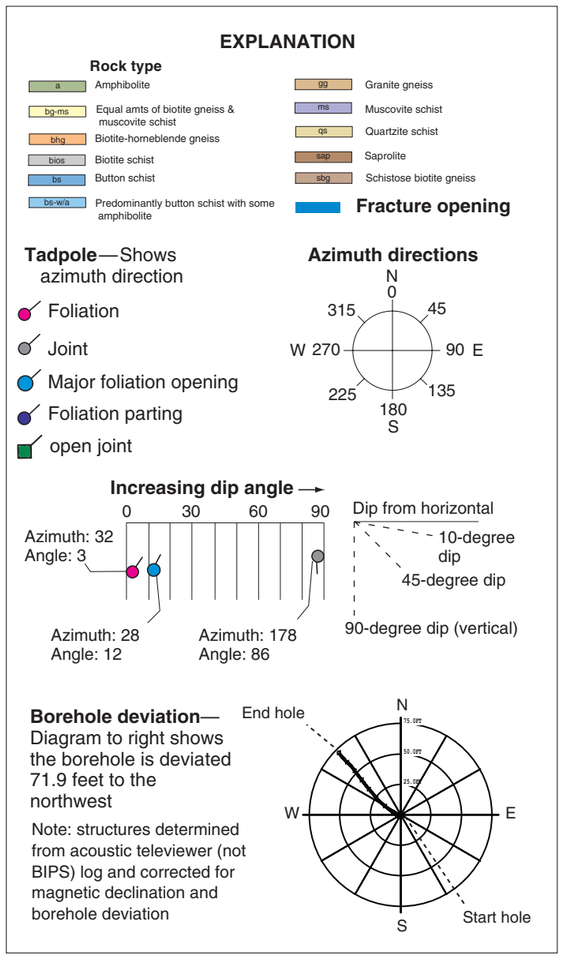


Image A *shows a fracture with a 23 degree dip to the north at about 117 feet below land surface.* ***Image B*** *shows foliation of the rock in the borehole at about 238 feet below land surface.* ***Image C*** *shows an open, water-bearing high-angle joint at about 293 feet below land surface.* ***Image D*** *shows a mineral-filled, high-angle joint at about 514 feet below land surface (not shown on tadpole plot).*

Structural tadpole plot and BIPS images for well 14FF27 (Pike Street well), Lawrenceville, Georgia.