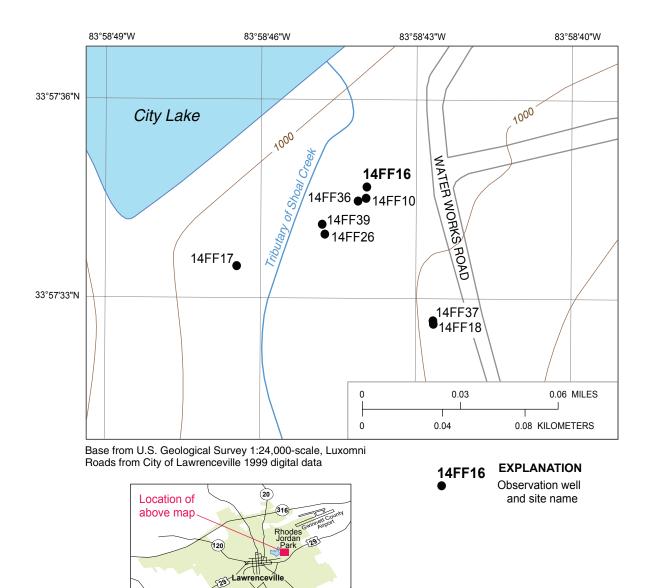
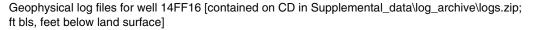
WELL SCHEDULE

atitude Longitude Ground Elevation994.2 NGVD			
OWNER City of Lawrenceville Casing Elevation99			
WELL CONSTRUCTION DESCRIPTION			
Name of Aquifer: metamorphic - crystalline rock			
TYPE OF DRILLING	Date drilled 1945		
Rotary Total Depth <u>320</u>	DrillerVa. Supply and Well Co.		
XPercussion(blocked at 302 ft)BoredPumping Water Level (bls)93.72 @	GROUTING [X] YES [] NO Type <u>grout</u>		
7/21/1997 8:30:00 AM DRILL HOLE DIAMETER	From <u>0 </u>		
Size in, from0 ft to <u>30.5</u> ft	From ft to ft		
Size 9.5 in, from 30.5 ft to 215 ft Size 7 in, from 215 ft to 302 ft	TEST PUMP DATA Pumped X Bailed Estimated 471		
CASING RECORD	Date tested		
Type material <u>steel</u>	Pump rated gal/minHP		
Size <u>10</u> in, from <u>0</u> ft to <u>30.5</u> ft	Test yield <u>270</u> gal/min After <u>72</u> hrs		
Size in, from ft to ft	Water level before testft btoc		
Size in, from ft to ft	Drawdown 98 ft		
WELL SCREEN	Specific Capacity2.76 gal/min/ft		
Type material open hole	Pumping records between 1995 and 2001 indicate a		
Size in, from ft to ft	long-term sustainable yield of about 100 gal/min Altitudes are in reference to NGVD 29		
Size in, from ft to ft	Latitude/longitude in NAD 83		
Size in, from ft to ft	Depths are in feet below land surface (bls) Feet below top of casing (ft btoc)		
Comments:Old public supply well; since 1995 this wells u from geophysical logging: openings at 41.5-43.5', 72-76.5', 9			

pumping from this well averages 100 gal/min during year, ususally operated from 200 to 250

gal/min for only part of the day





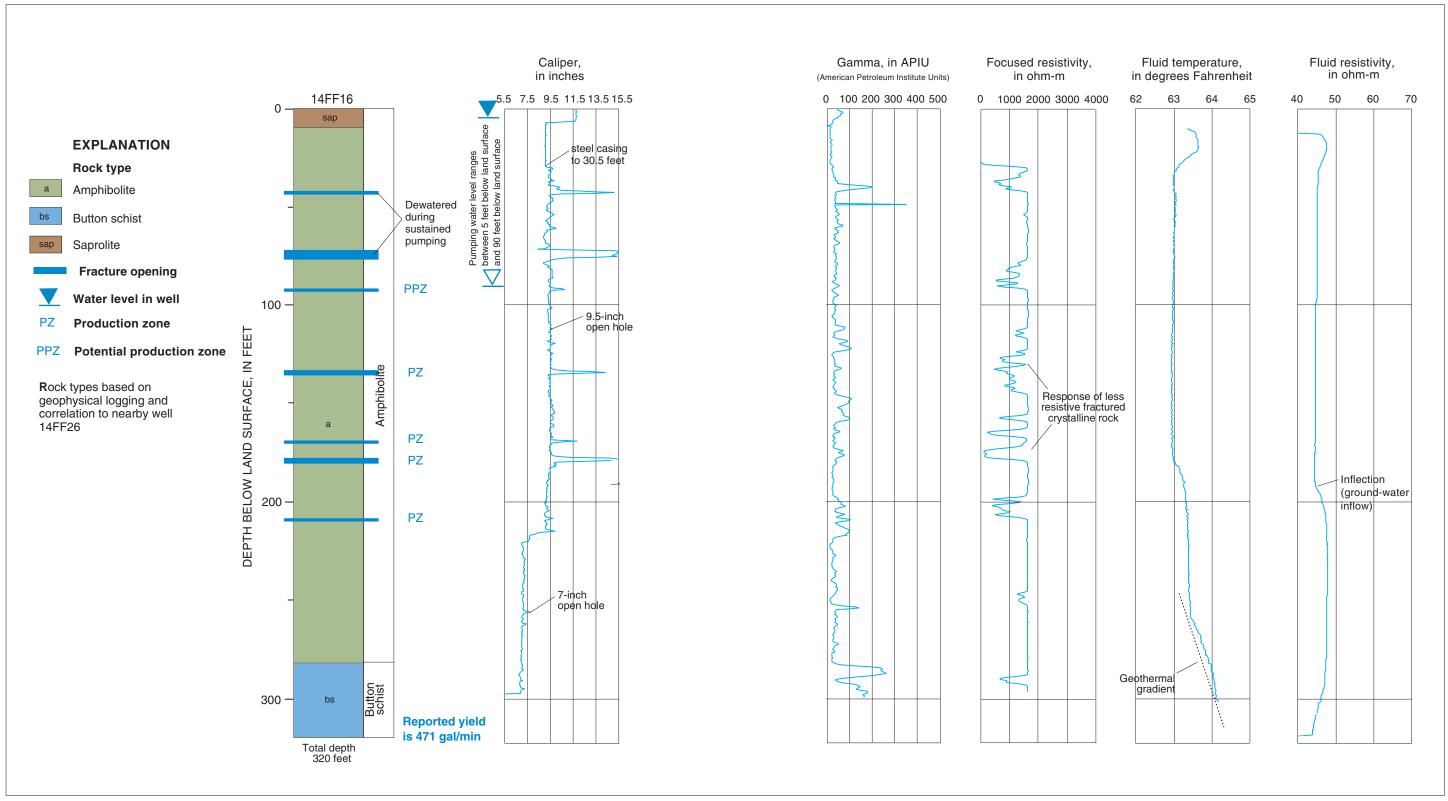
124

(20)

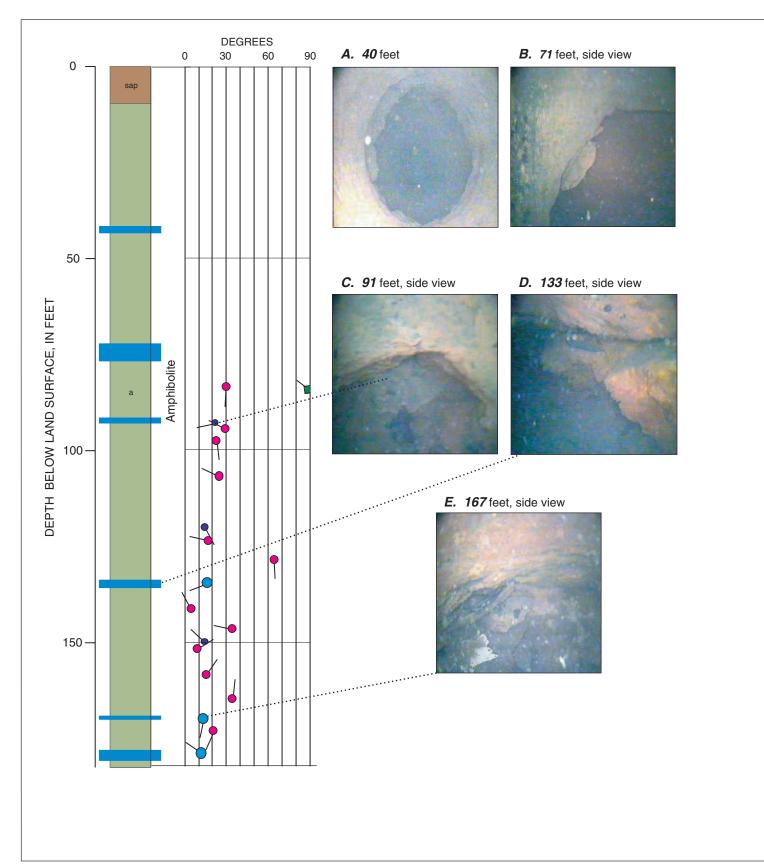
File name	Туре	Date	Start depth (ft bls)	Stop depth (ft bls)
14FF16.19970219.AT01	Acoustic Televiewer/1	2/19/97	171.8	297.23
14FF16.19970219.AT02	Acoustic Televiewer/1	2/19/97	67.32	220.45
14FF16.19941206.AV01	Acoustic Velocity	12/6/94	94	294.9
14FF16.19941206.CT01	Caliper, Three Arm	12/6/94	0	298.6
14FF16.19941206.FR01	Fluid Resistivity	12/6/94	11	301.5
14FF16.19941206.FT01	Fluid Temperature	12/6/94	10.5	302.5
14FF16.19941206.EF01	Focused Resistivity	12/6/94	19.5	297
14FF16.19941206.NG01	Gamma	12/6/94	0	300
14FF16.19941206.EL01	Long-normal Resistivity	12/6/94	24	302.5
14FF16.19941206.ES01	Short-normal Resistivity	12/6/94	24	302.5
14FF16.19941206.EP01	Spontaneous Potential	12/6/94	24	302.5

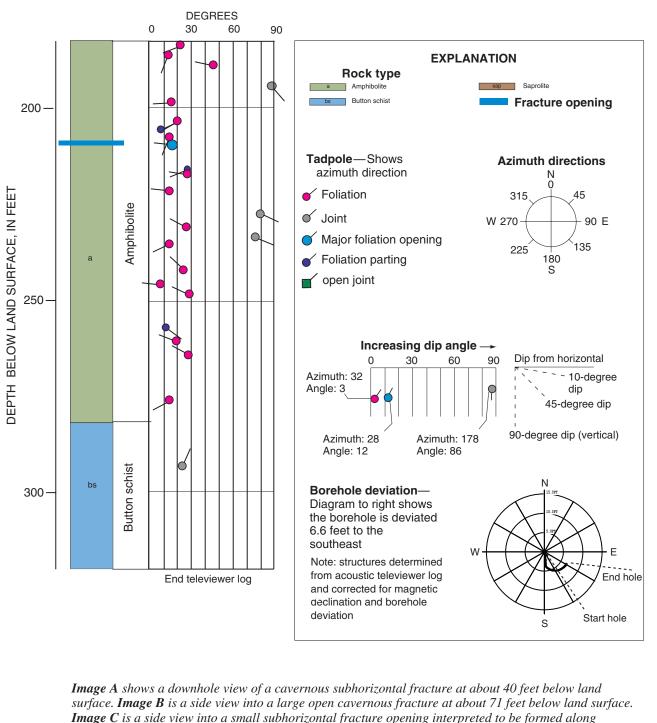
1/ Does not include trace data, original log is provided in Century binary format under the same file name with extension ".log"

U.S. Geological Survey Open-File Report 2004-1366



Lithology and borehole geophysical logs for well 14FF16 (Rhodes Jordan Wellfield), Lawrenceville, Georgia.

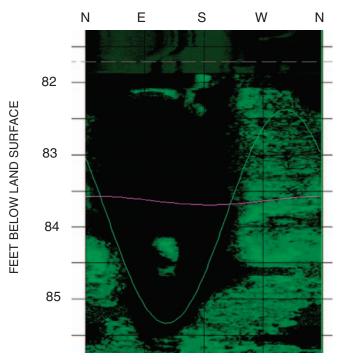


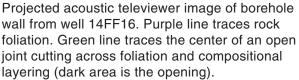


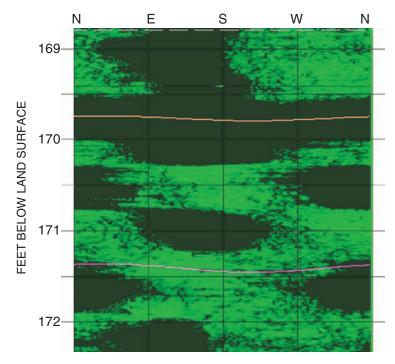
about 133 feet and 167 feet below land surface, respectively. Fractures in images D and E are interpreted to be openings forming along foliation and layering in the rock based on similar dip of the surrounding foliation.

Structural tadpole plot and downhole camera images for well 14FF16 (Rhodes Jordan Wellfield), Lawrenceville, Georgia.

foliation at about 91 feet below land surface. **Images D** and **E** are side views into productive fractures at







Projected acoustic televiewer image of borehole wall from well 14FF16. Purple line traces rock foliation. Orange line traces the center of an opening formed parallel to foliation and compositional layering (dark area is the opening).

U.S. Geological Survey Open-File Report 2004-1366