

WELL SCHEDULE

SITE NAME 14FF49 OTHER IDENTIFIER Brownlees WELL NUMBER 335747083595001Latitude 33° 57' 47.63" Longitude -83° 59' 49.41" Ground Elevation 1041.7 NGVD 29OWNER City of Lawrenceville Casing Elevation 1044.79 NGVD 29

WELL CONSTRUCTION DESCRIPTION

Name of Aquifer: metamorphic - crystalline rock

TYPE OF DRILLING

 Rotary Total Depth 400 Percussion Static Water Level (bls) Bored 36.3 @
10/31/2001 11:04:00 AM

DRILL HOLE DIAMETER

Size 8 in, from 0 ft to 80.5 ftSize 6 in, from 80 ft to 400 ft

Size _____ in, from _____ ft to _____ ft

CASING RECORD

Type material PVCSize 6 in, from 0 ft to 80.5 ft

Size _____ in, from _____ ft to _____ 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 1/28/1998 1/29/1998Driller Atlanta Drilling and ExplorationGROUTING YES NOType bentoniteFrom 0 ft to 80.5 ft

From _____ ft to _____ ft

From _____ ft to _____ ft

TEST PUMP DATA

Pumped Bailed _____Estimated 10 (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

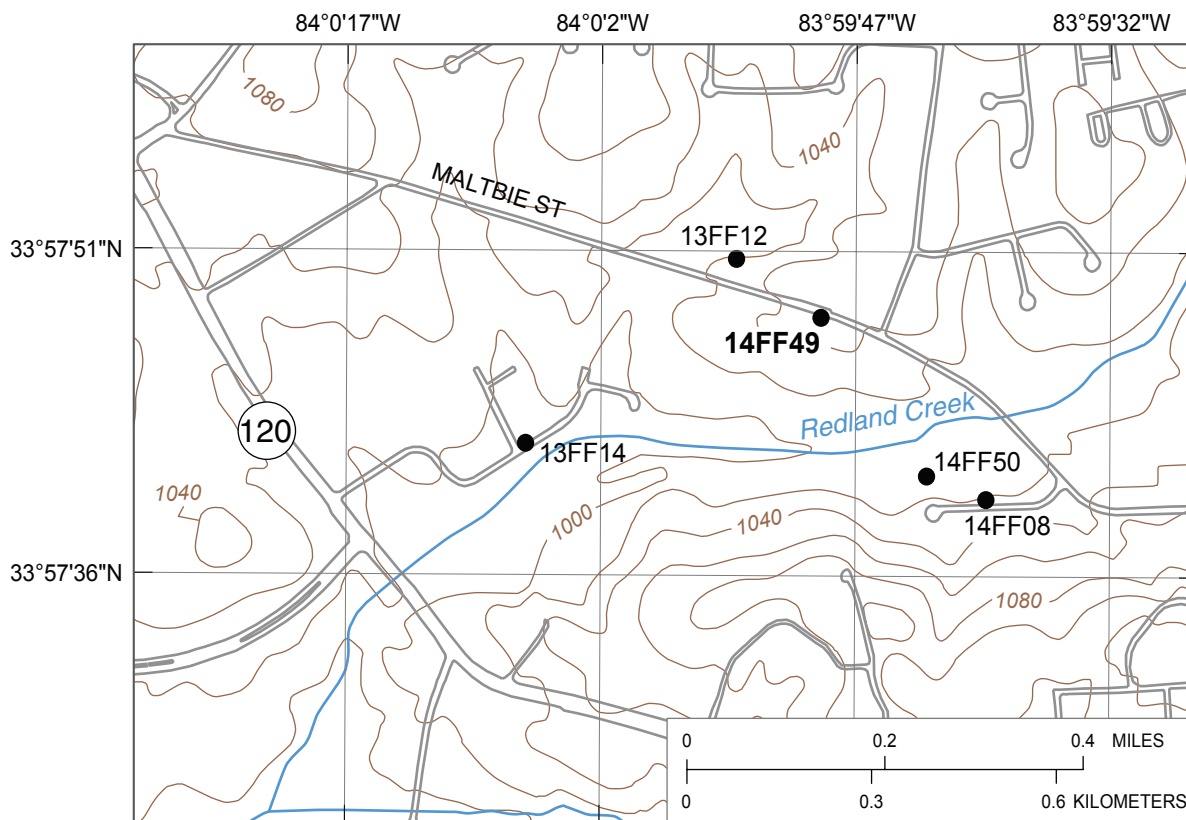
Altitudes are in reference to NGVD 29

Latitude/longitude in NAD 83

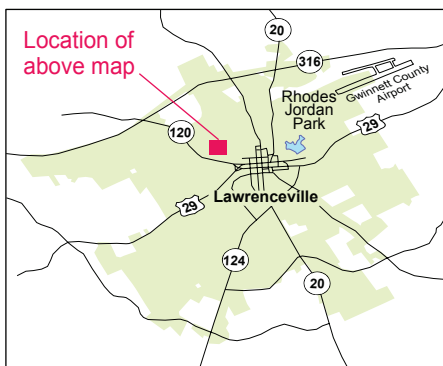
Depths are in feet below land surface (bls)

Feet below top of casing (ft btoc)

Comments: Well part of city ground-water exploration effort; drilling oversight by Zuhair F. Rammo of E&CIntegration Services; from geophysical logging openings at: 86-88', 111-112', 128-129', and 135-136'are all possible water-producing fractures; total air-lift yield is 10 gal/min.



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

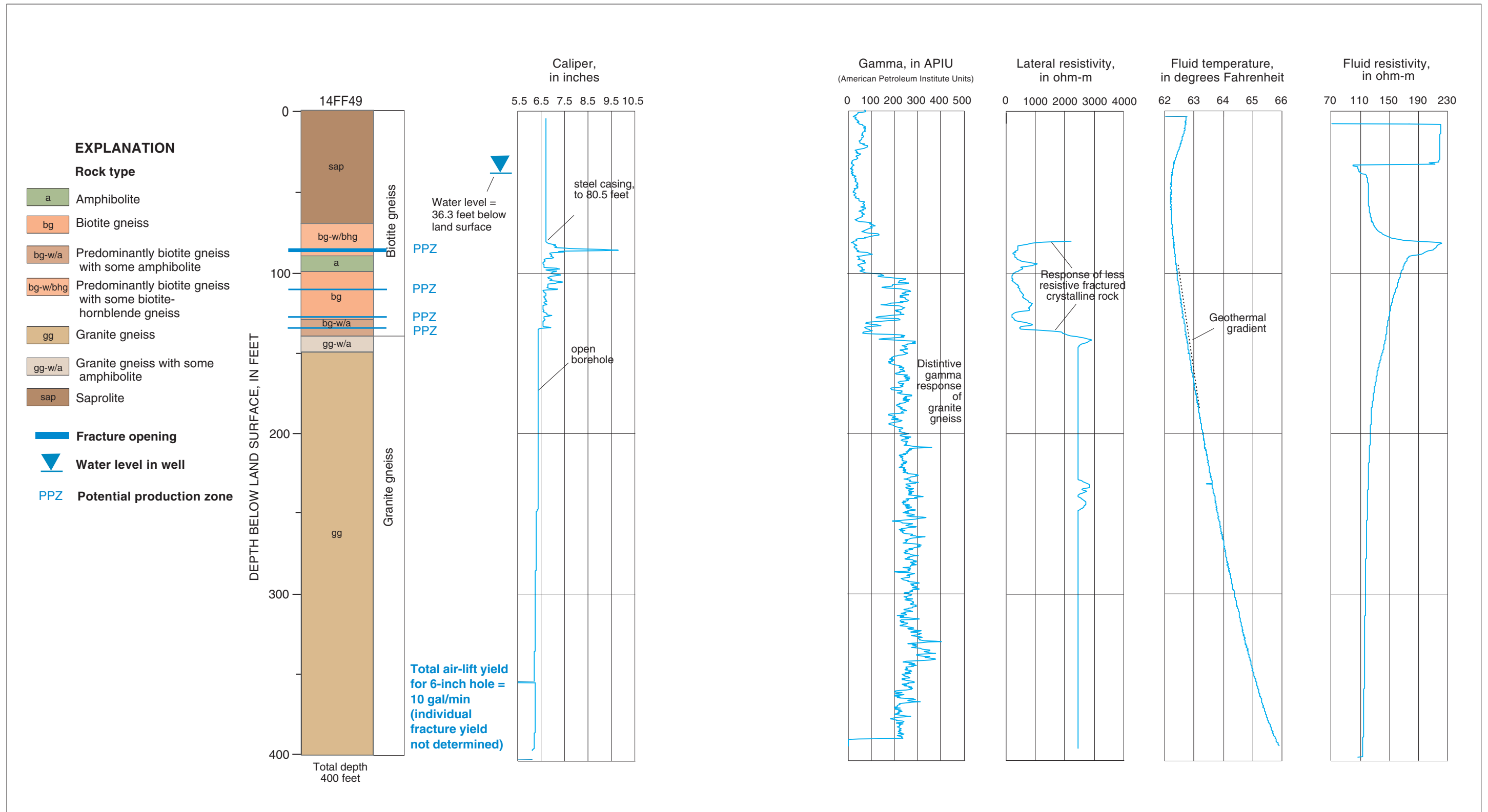


EXPLANATION
 ● Observation well and site name
14FF49

Geophysical log files for well 14FF49 [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)
14FF49.19980622.ZE01	1/Combination Tool	06/22/98	0.7	398
14FF49.19980810.AT01	2/Acoustic Televiwer	08/10/98	83.28	393.74
14FF49.19980622.CT01	Caliper, Three Arm	06/22/98	279.2	399.5
14FF49.19980622.CT02	Caliper, Three Arm	06/22/98	5.2	356.5
14FF49.19980622.ZI01	Gamma and EM Induction	06/22/98	0.3	396.6

1/ Includes gamma, long/short normal resistivity, spontaneous potential, single-point resistance, fluid resistivity, and temperature
 2/ 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 14FF49 (Brownlee well), Lawrenceville, Georgia.

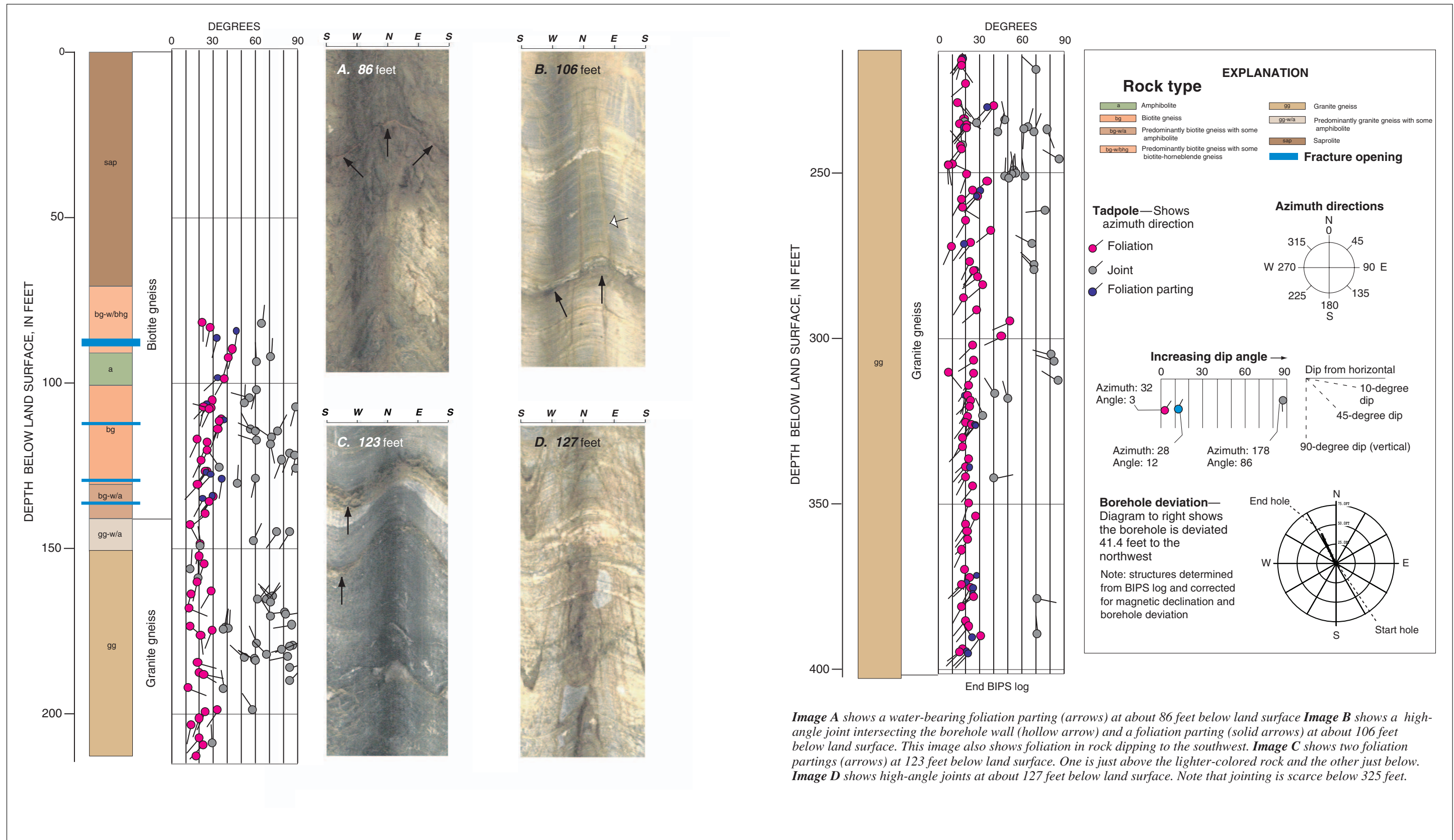


Image A shows a water-bearing foliation parting (arrows) at about 86 feet below land surface *Image B* shows a high-angle joint intersecting the borehole wall (hollow arrow) and a foliation parting (solid arrows) at about 106 feet below land surface. This image also shows foliation in rock dipping to the southwest. *Image C* shows two foliation partings (arrows) at 123 feet below land surface. One is just above the lighter-colored rock and the other just below. *Image D* shows high-angle joints at about 127 feet below land surface. Note that jointing is scarce below 325 feet.

Structural tadpole plot and BIPS images for well 14FF49 (Brownlee well), Lawrenceville, Georgia.