

WELL SCHEDULE

SITE NAME 14FF52 OTHER IDENTIFIER Hosea Road WELL NUMBER 335806083581001Latitude 33° 58' 6.16" Longitude -83° 58' 11.22" Ground Elevation 1082.25 NGVD 29OWNER City of Lawrenceville Casing Elevation 1083.57 NGVD 29

WELL CONSTRUCTION DESCRIPTION

Name of Aquifer: metamorphic - crystalline rock

TYPE OF DRILLING

 Rotary Total Depth 630 Percussion Static Water Level (bls) Bored 18.4 @10/31/2001 12:00:00 PM

DRILL HOLE DIAMETER

Size 8 in, from 0 ft to 22 ftSize 6 in, from 22 ft to 630 ft

Size _____ in, from _____ ft to _____ ft

CASING RECORD

Type material PVCSize 6 in, from 0 ft to 22 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 6/29/1999 6/30/1999Driller Middle Georgia Water SystemsGROUTING YES NOType bentoniteFrom 0 ft to 22 ft

From _____ ft to _____ ft

From _____ ft to _____ ft

TEST PUMP DATA

Pumped Bailed _____Estimated 40 (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

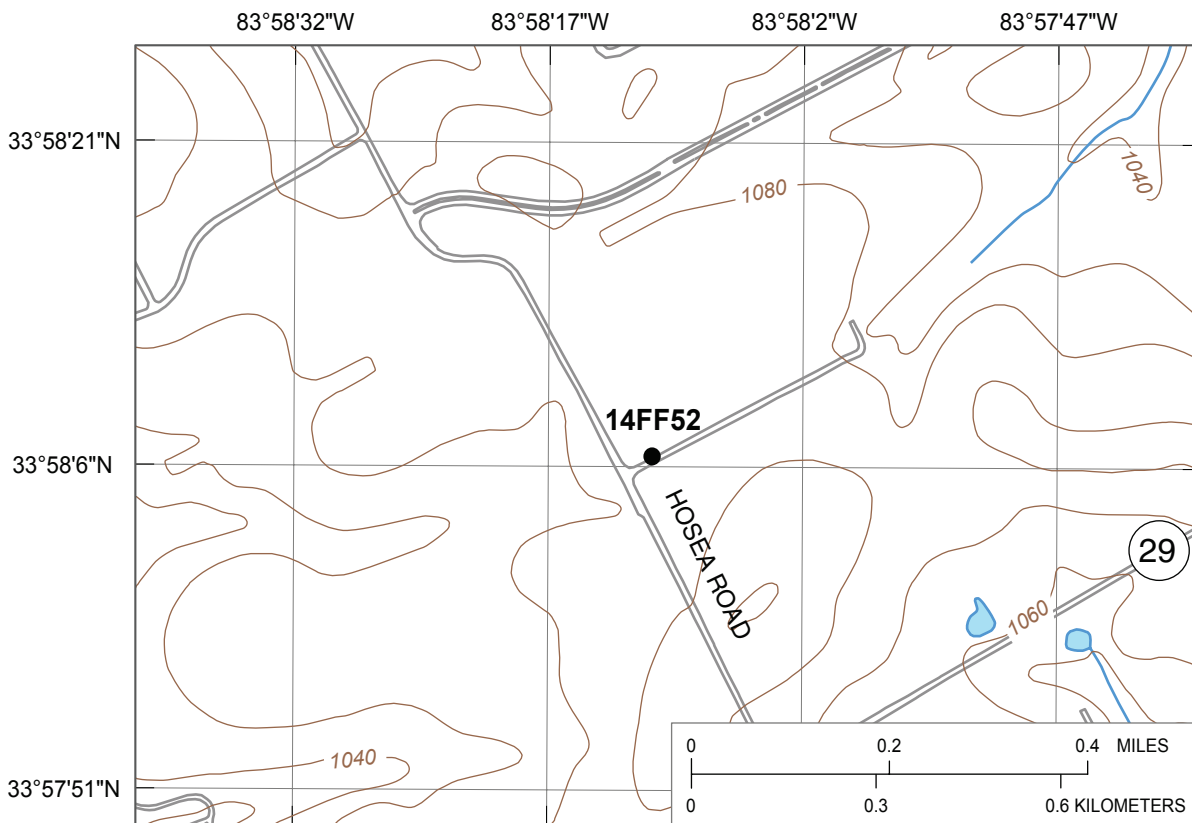
Altitudes are in reference to NGVD 29

Latitude/longitude in NAD 83

Depths are in feet below land surface (bls)

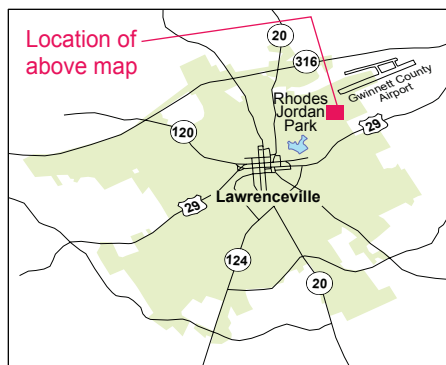
Feet below top of casing (ft btoc)

Comments: Well part of city ground-water exploration effort; drilling oversight by Zuhair F. Rammo of E&CIntegration Services; from geophysical logging: openings at 158-159', 186-187' correspond toincreases in air-lift yield observed along these intervals of borehole



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

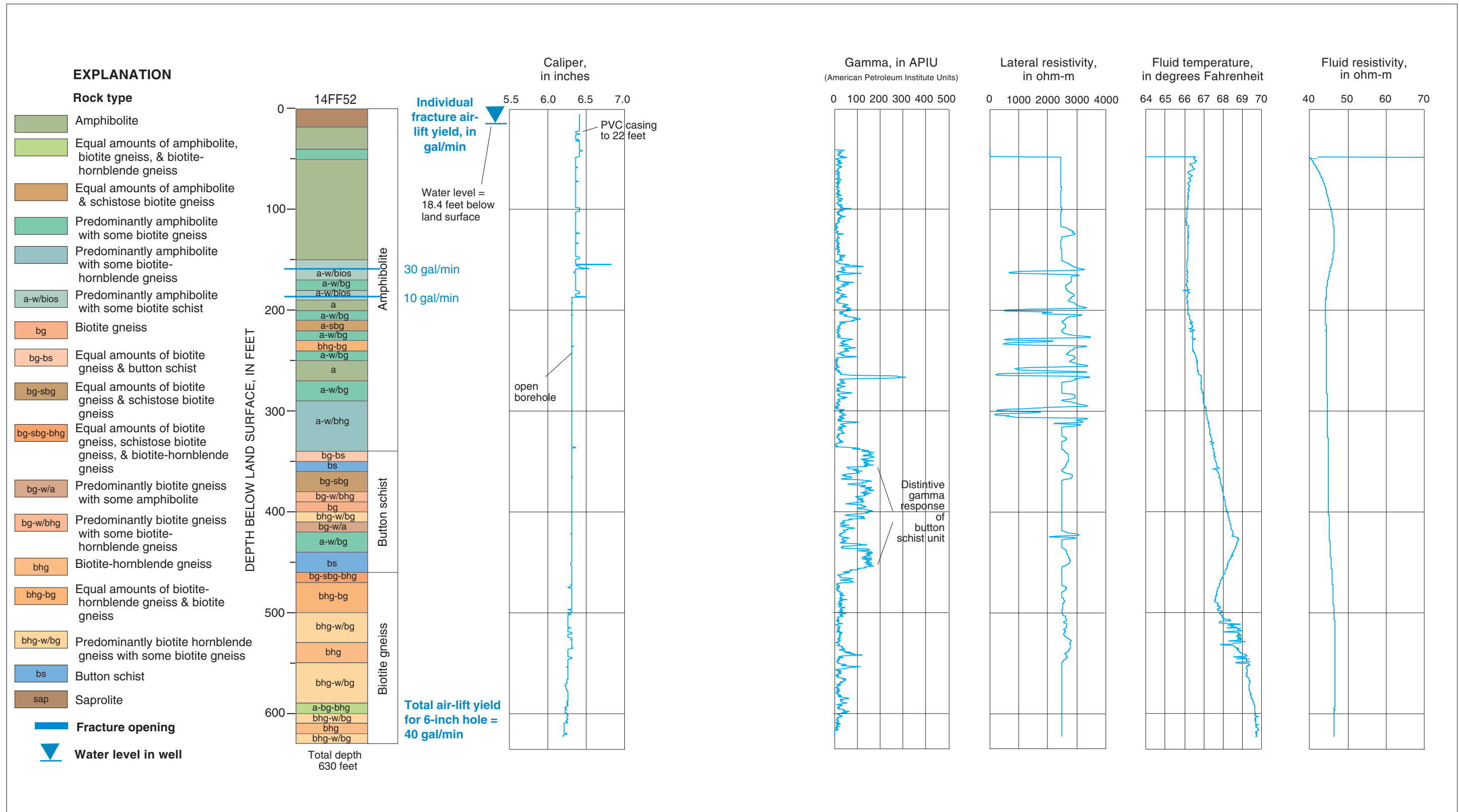
14FF52 **EXPLANATION**
 ● Observation well and site name



Geophysical log files for well 14FF52 [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)
14FF52.19990708.ZE01	Combination Tool ¹	07/08/99	40.7	625.6
14FF52.19990708.ZE02	Combination Tool ¹	07/08/99	-1.1	104.5
14FF52.19990818.AT01	Acoustic Televiewer ²	08/18/99	8.84	627.83
14FF52.19990708.CT01	Caliper, Three Arm	07/08/99	5.3	625.8

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 14FF52 (Hosea Road well), Lawrenceville, Georgia.

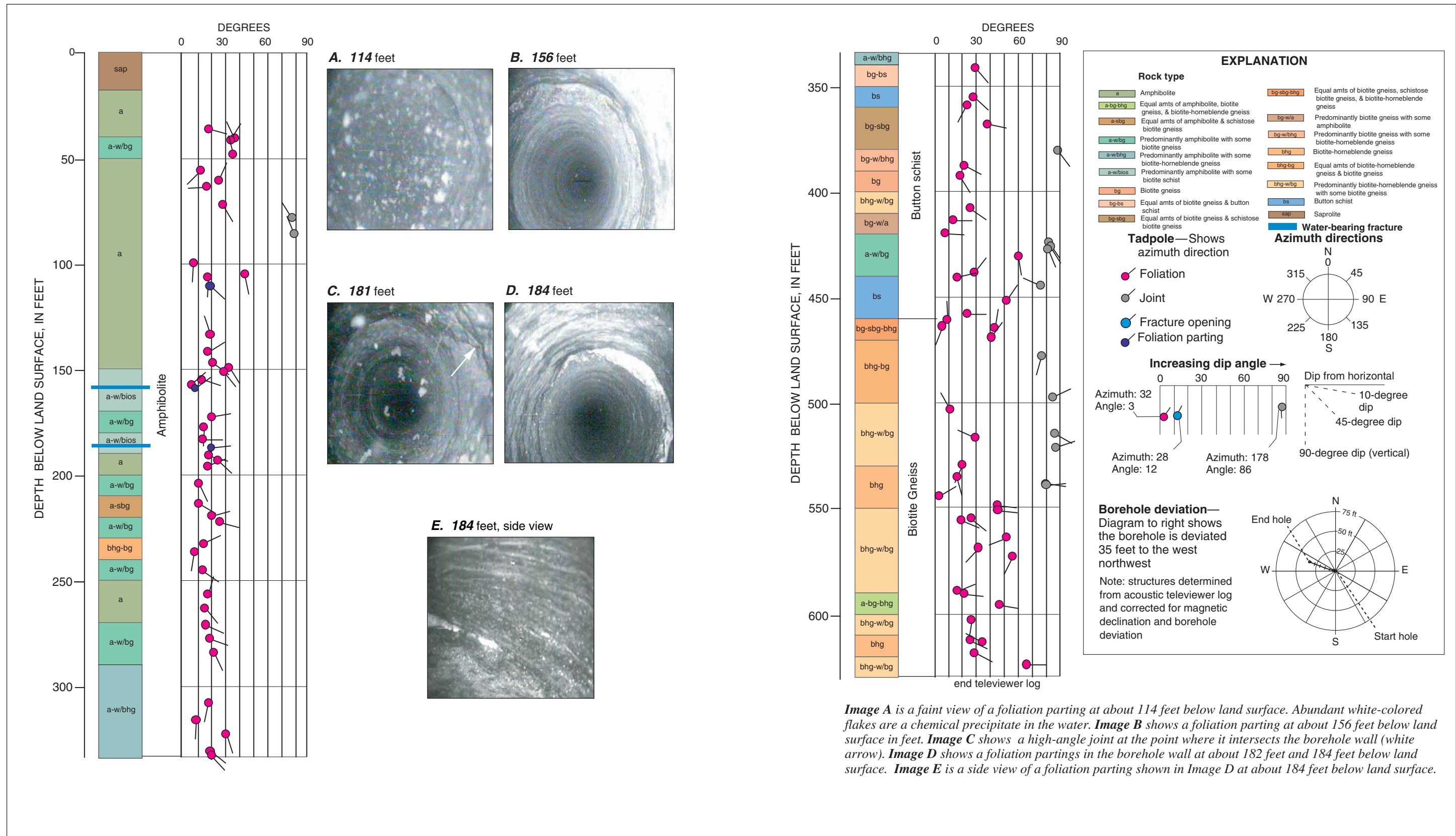


Image A is a faint view of a foliation parting at about 114 feet below land surface. Abundant white-colored flakes are a chemical precipitate in the water. **Image B** shows a foliation parting at about 156 feet below land surface in feet. **Image C** shows a high-angle joint at the point where it intersects the borehole wall (white arrow). **Image D** shows a foliation partings in the borehole wall at about 182 feet and 184 feet below land surface. **Image E** is a side view of a foliation parting shown in Image D at about 184 feet below land surface.

Structural tadpole plot and downhole camera images for well 14FF52 (Hosea Road well), Lawrenceville, Georgia.