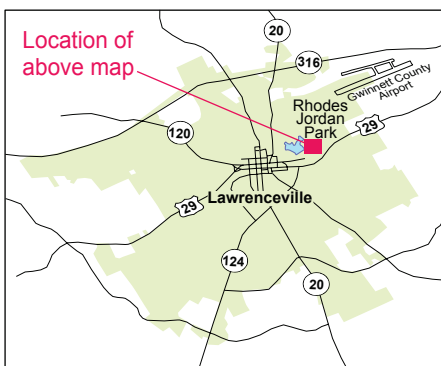


Base from U.S. Geological Survey 1:24,000-scale, Luxomni Roads from City of Lawrenceville 1999 digital data

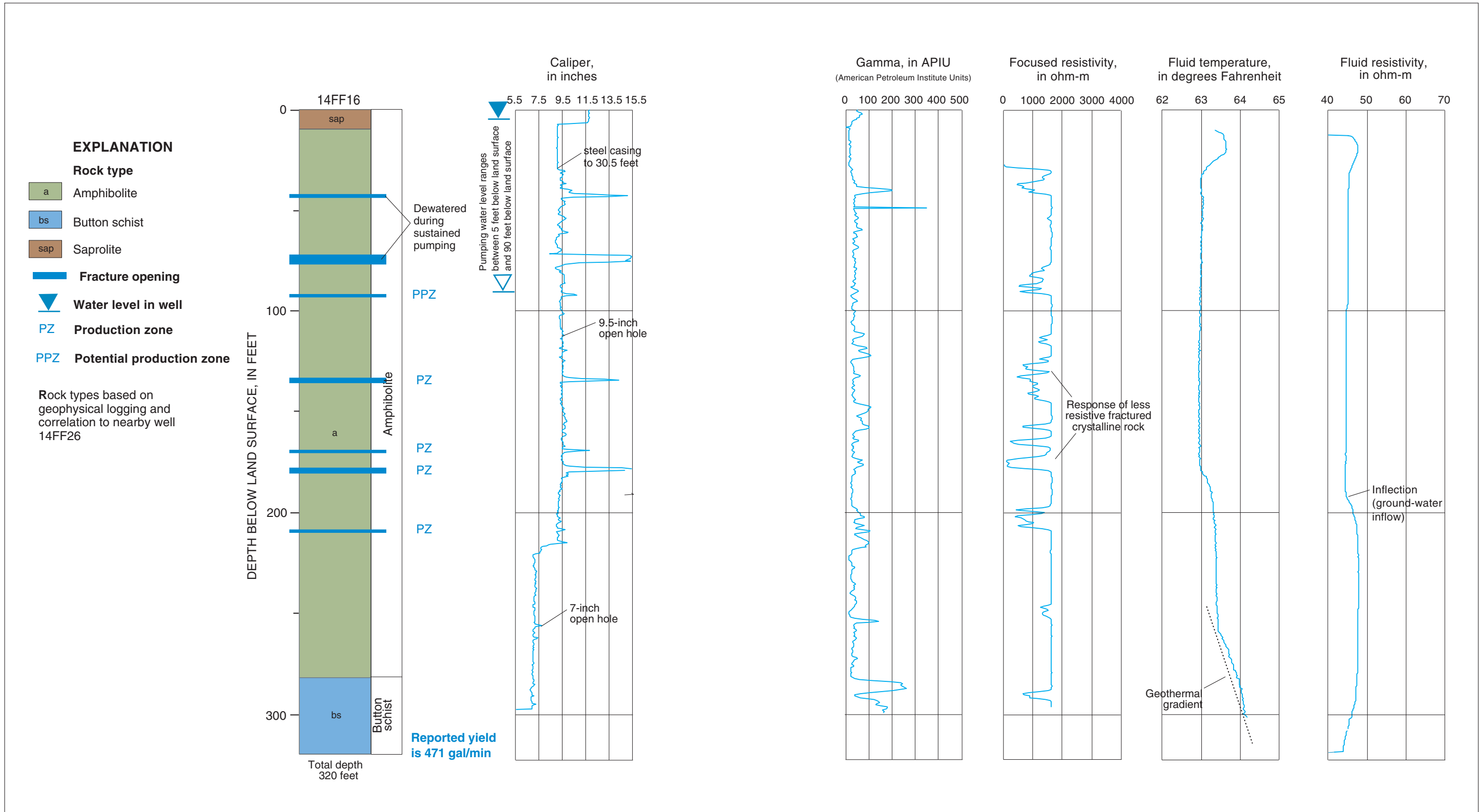
14FF16 ● **EXPLANATION**
 Observation well and site name



Geophysical log files for well 14FF16 [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) |
|----------------------|---------------------------------|---------|----------------------|---------------------|
| 14FF16.19970219.AT01 | Acoustic Televiwer ¹ | 2/19/97 | 171.8 | 297.23 |
| 14FF16.19970219.AT02 | Acoustic Televiwer 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"



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

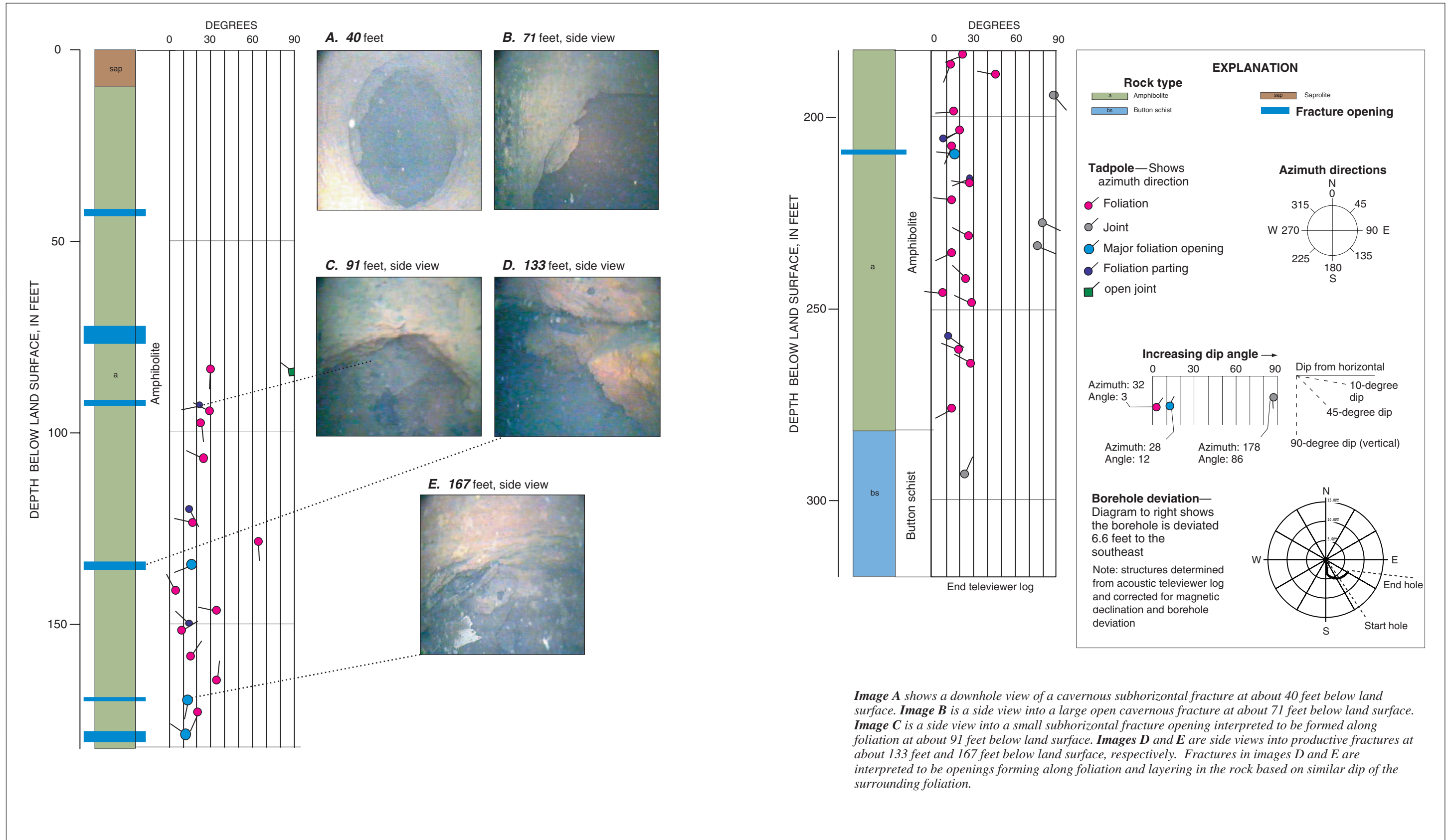
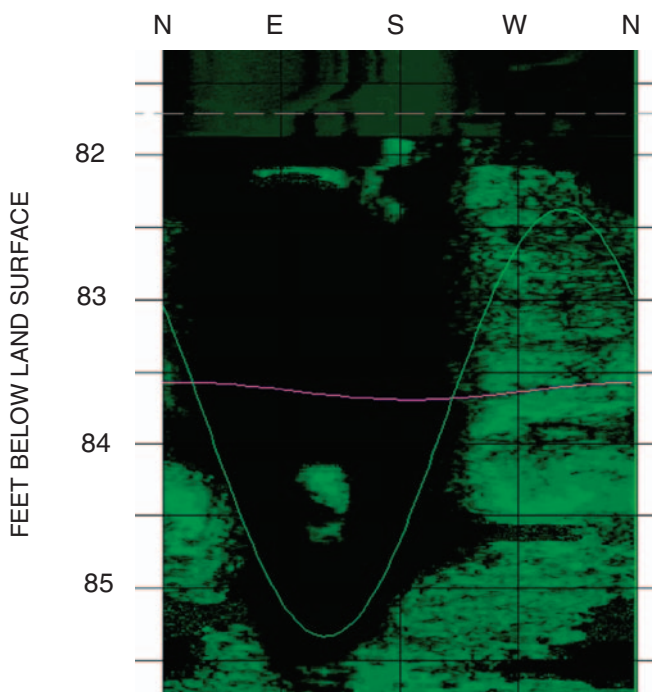
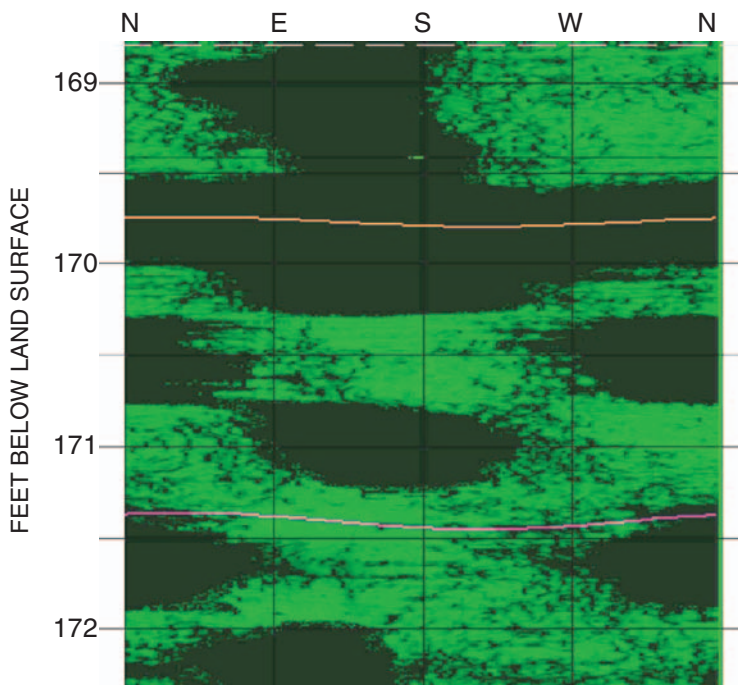


Image A shows a downhole view of a cavernous subhorizontal fracture at about 40 feet below land surface. **Image B** is a side view into a large open cavernous fracture at about 71 feet below land surface. **Image C** is a side view into a small subhorizontal fracture opening interpreted to be formed along foliation at about 91 feet below land surface. **Images D and E** are side views into productive fractures at 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.



Projected acoustic televiewer image of borehole wall from well 14FF16. Purple line traces rock foliation. Green line traces the center of an open joint cutting across foliation and compositional layering (dark area is the opening).



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).