



EXPLANATION

Fracture characteristics

- █ Fissured zone
- ▀ Low-angle sealed
- ▀ High-angle sealed
- ▢ Low-angle open
- ▢ High-angle open

Fracture-surface mineralogy

- Major mineral
- Trace mineral

Heat-pulse-flowmeter log

- Flow measured while well was being pumped
- Flow measured while well was not being pumped
- Flow is upward
- Flow is downward

(Well 21-289) Well in which log was completed, if log could not be obtained from adjacent well or borehole

Site locations shown in figure 1; well and borehole locations shown in figure 2

CALIPER LOG, FRACTURE-DENSITY HISTOGRAM, FRACTURE-SURFACE MINERALOGY, BOREHOLE-TELEVIEWSER LOG, HEAT-PULSE-FLOWMETER LOG, SPONTANEOUS-POTENTIAL LOG, SINGLE-POINT-RESISTANCE LOG, AND GAMMA LOG, SITES 1 AND 2, SOUTH-CENTRAL NEWARK BASIN, NEW JERSEY