Palisades Sill, (NY)
Acoustic Televiewer imaging

Figure 5: Optical borehole televiewer image in LDEO-3, illustrating the zone that is characterized by the occurrence of several small stringers of chilled dolerite.

Figure 7:
Two examples of BHTV data from Well-2. Blue curves were manually picked to illustrate fractures and to digitally record their orientation and dip magnitude. Dip and azimuth of the imaged fractures are shown on a tazipole plot (right). The left-hand image shows a section of Well-2 from 163 to 173.8 m in depth with a high density of fractures, many with large apparent aperture (> 6cm). The right-hand image is a section from 97.6 to 106.7 m in Well-2 with a high fracture density but smaller apparent aperture (1-2 cm). To convert to SI units, use the conversion factor of 3.28 ft per meter.
Fracture patterns
Susceptibility logs

[Diagram showing resistivity, natural gamma radiation, and magnetic susceptibility logs with various sensors and markers.]