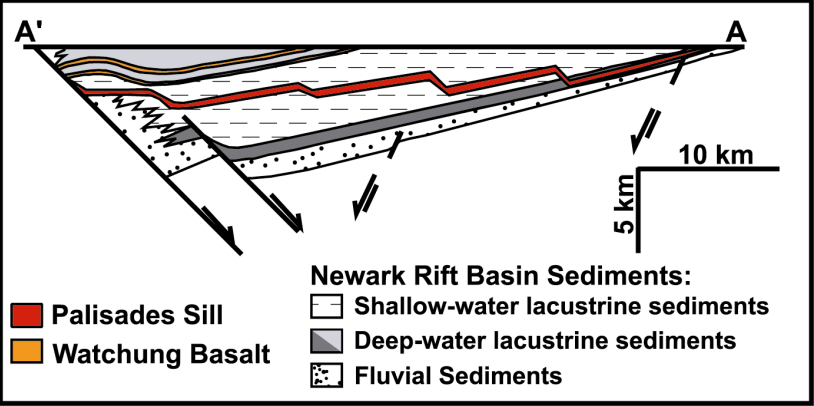
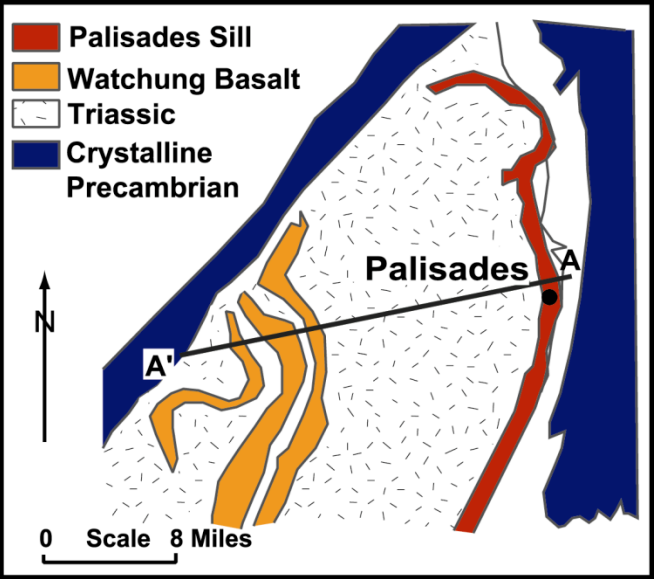
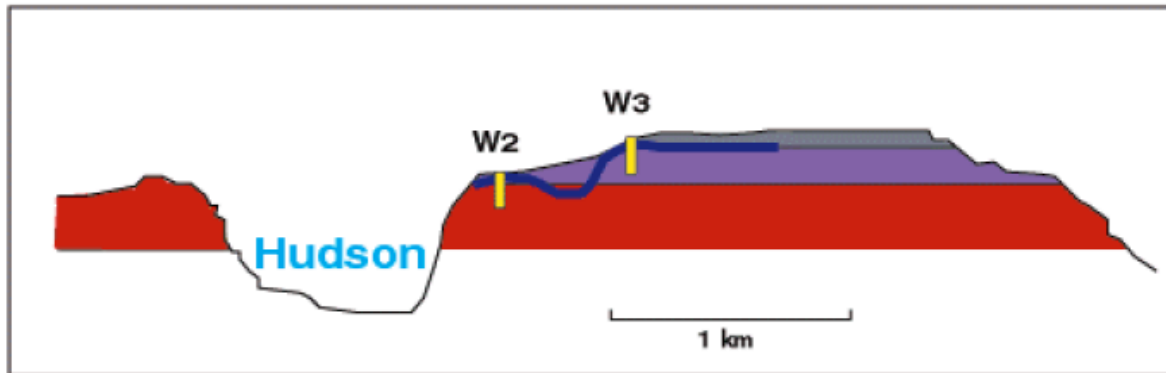




Palisades Sill, (NY)



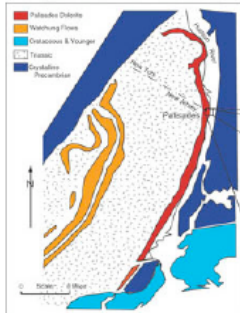
B



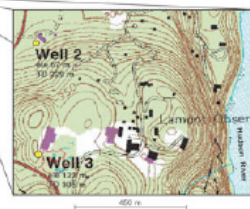
Schematic Cross Section of Sediments and Sill

- Dolerite Sill
- Stockton Formation
- Lockatong Formation

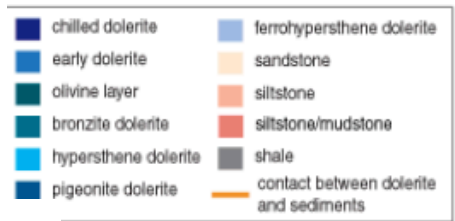
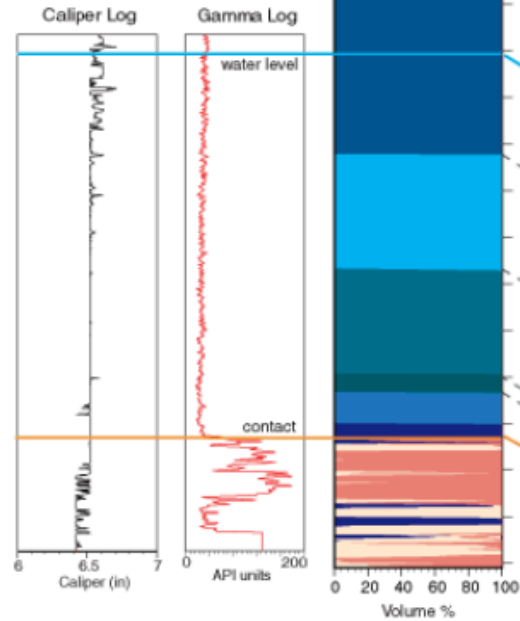
Geological Map of Palisades Region



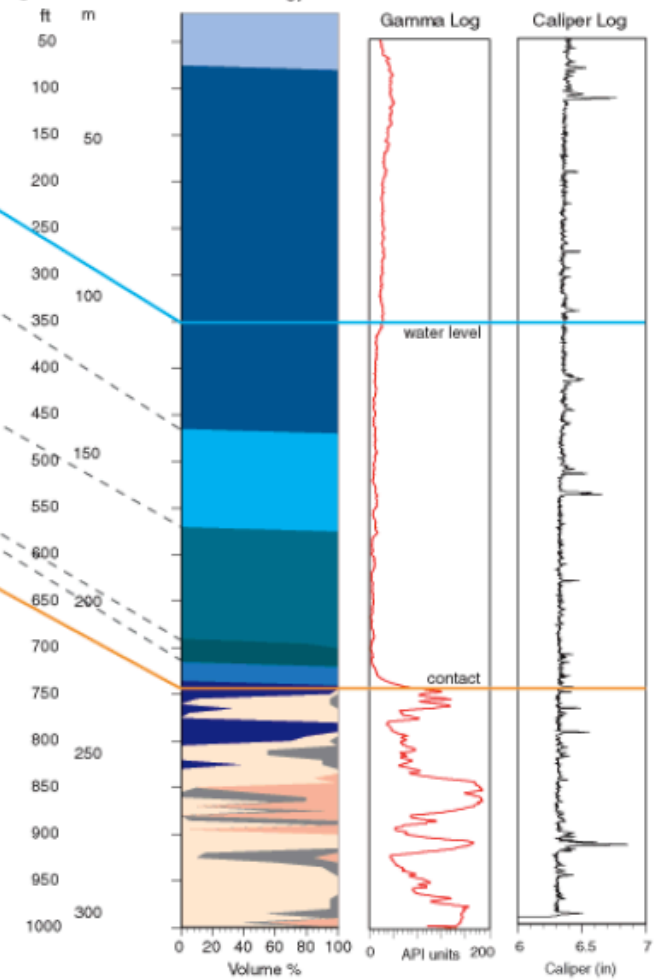
Well Site Location Map



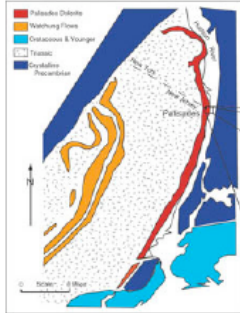
Well 2



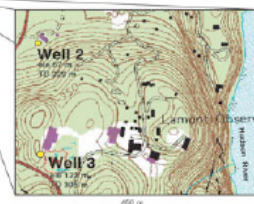
Well 3

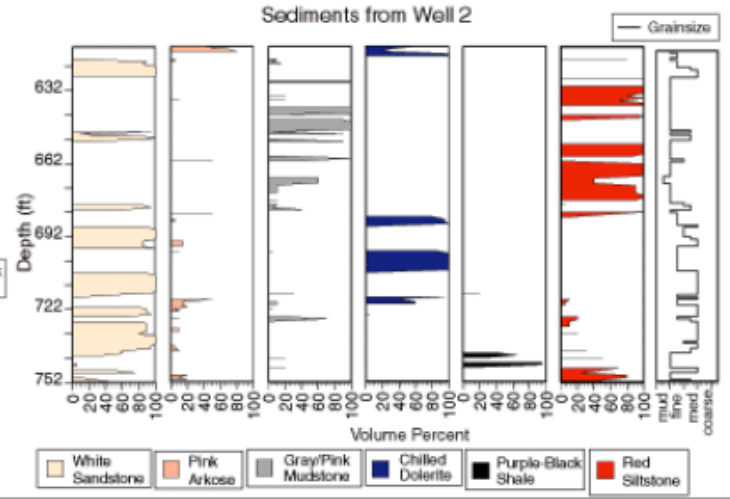
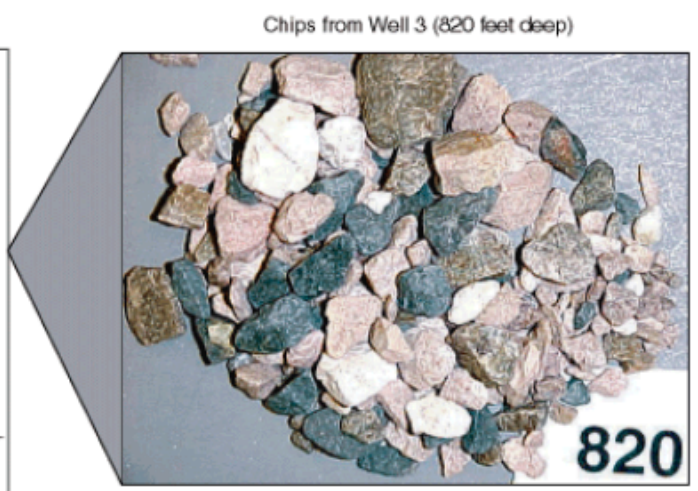
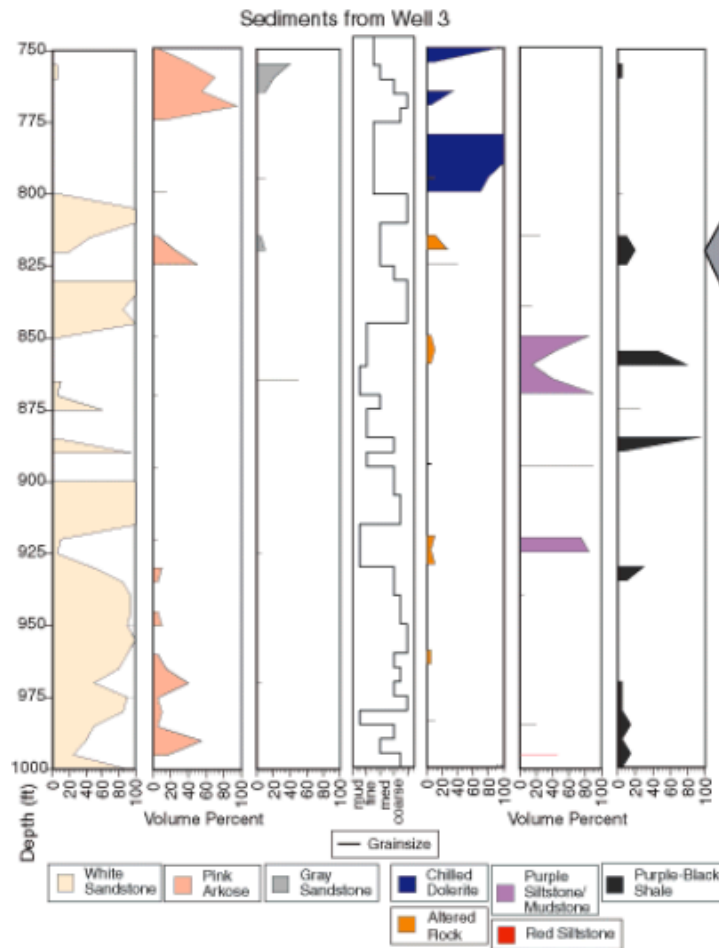


Geological Map of Palisades Region

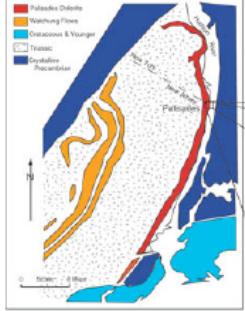


Well Site Location Map

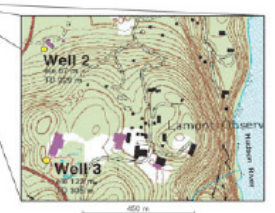




Geological Map of Palisades Region



Well Site Location Map



Acoustic Televiewer imaging

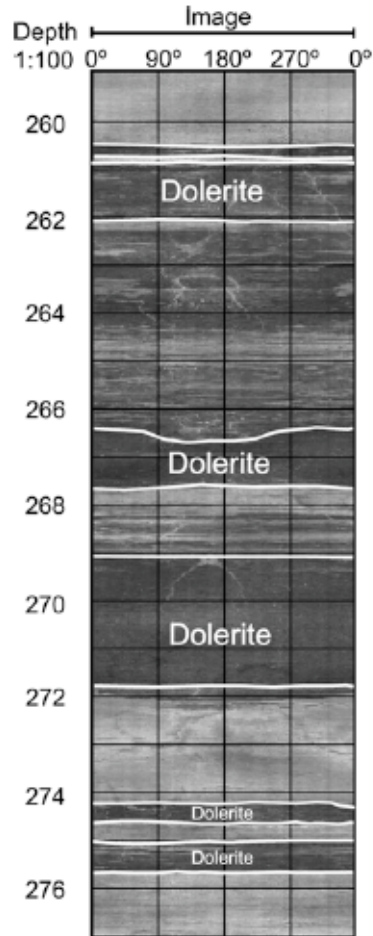


Fig. 5 Optical borehole televiewer image in LDEO-3, illustrating the zone that is characterized by the occurrence of several small stringers of chilled dolerite

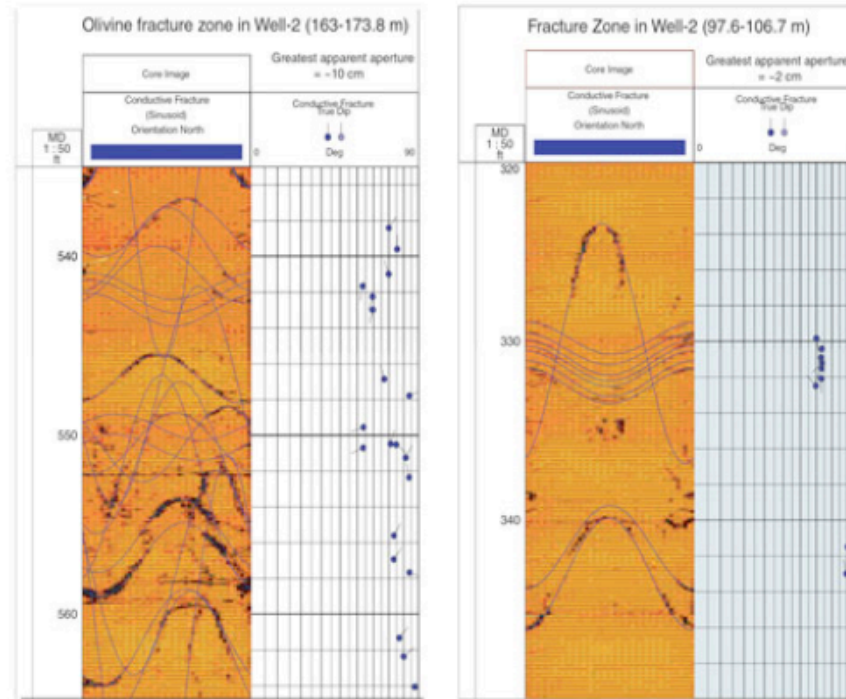
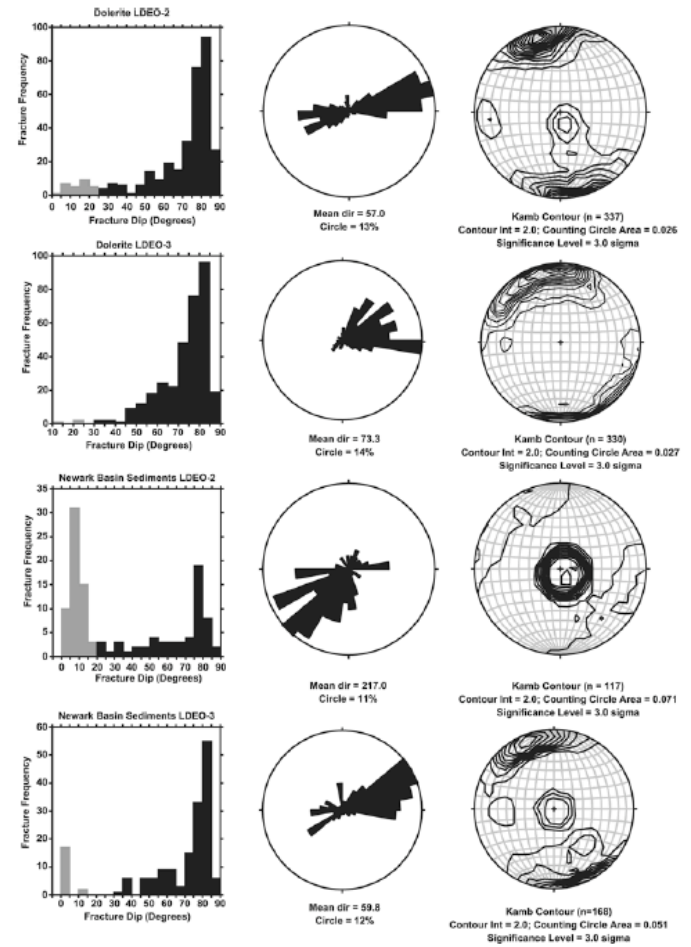
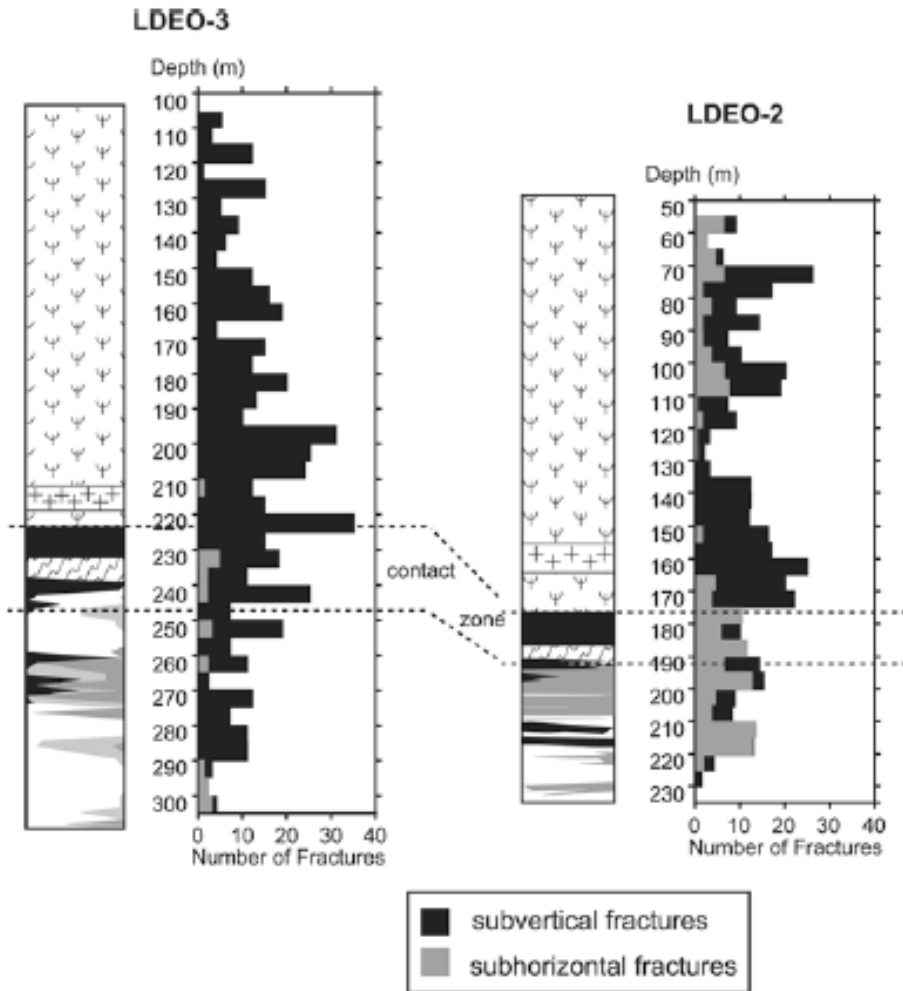
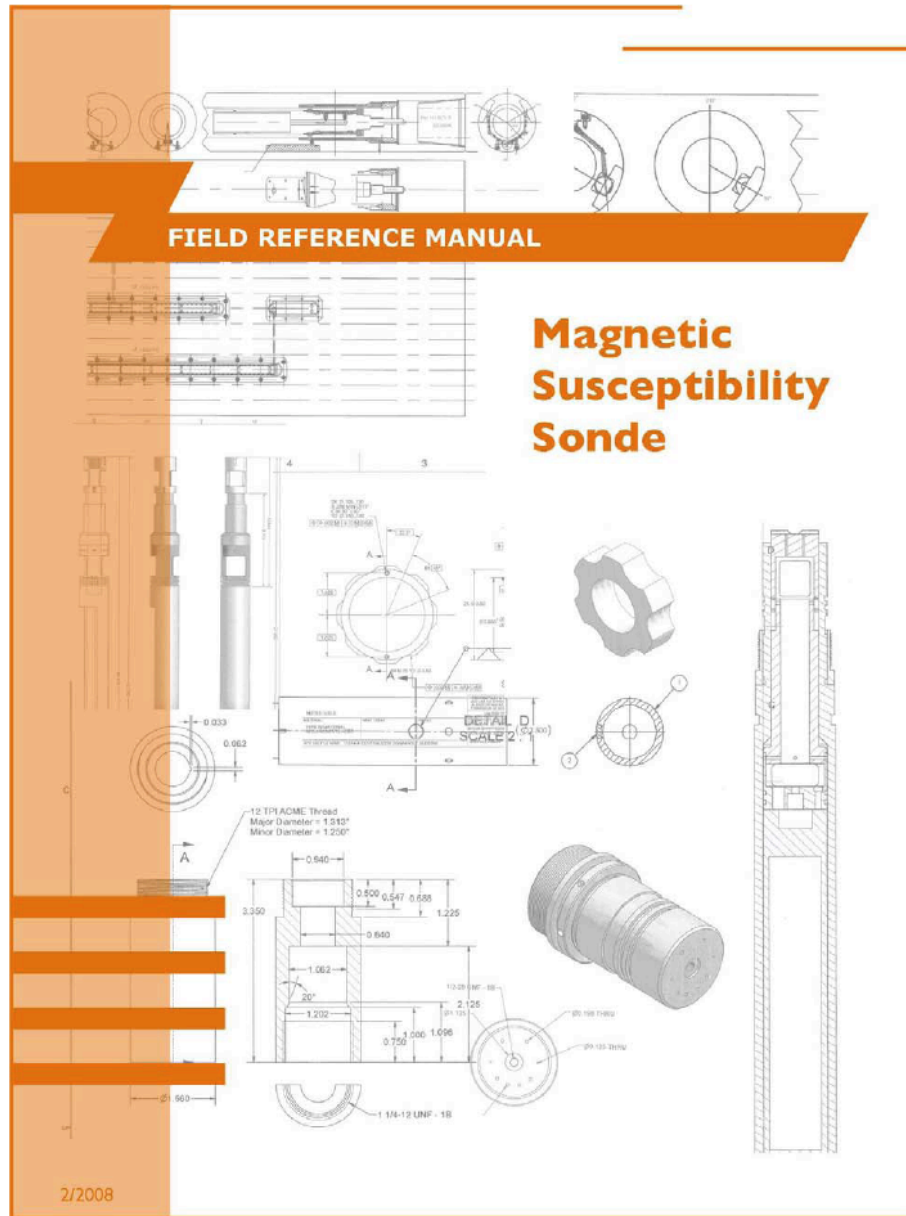
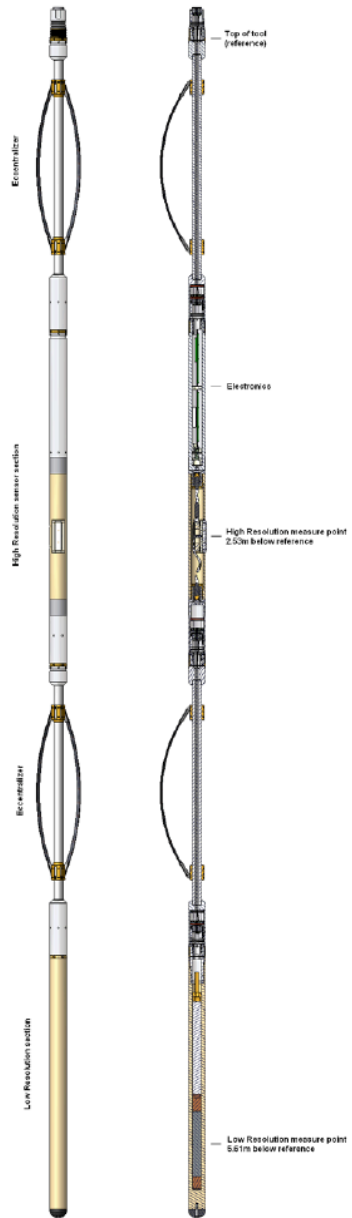


Figure 7:

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 tadpole 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 (> 6 cm). 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 feet per meter.

Fracture patterns





Susceptibility logs

