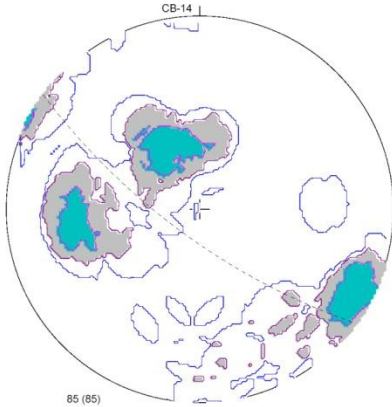


Quality Geophysics

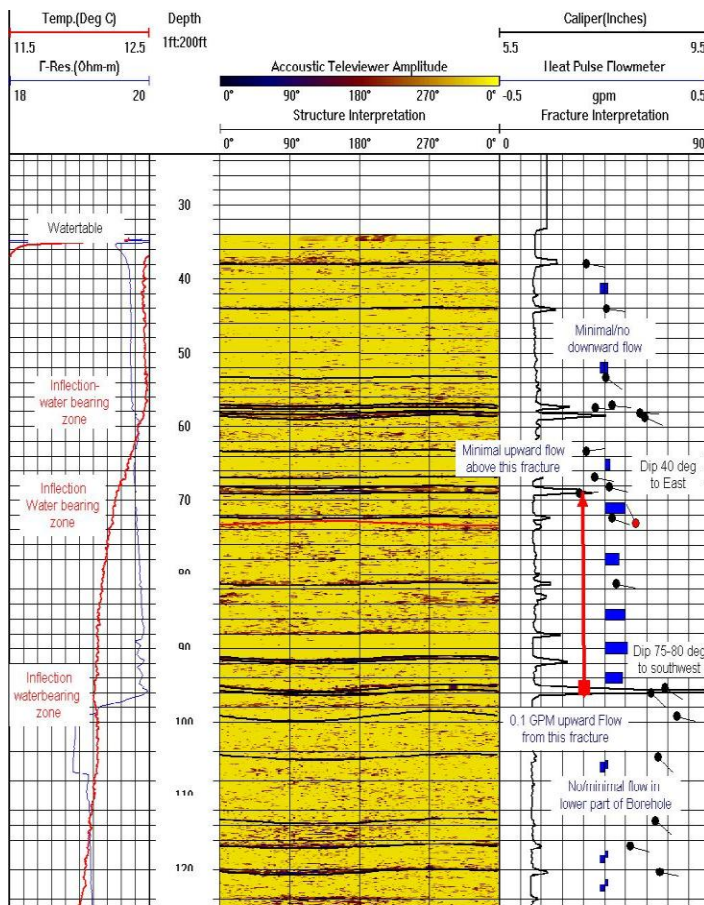
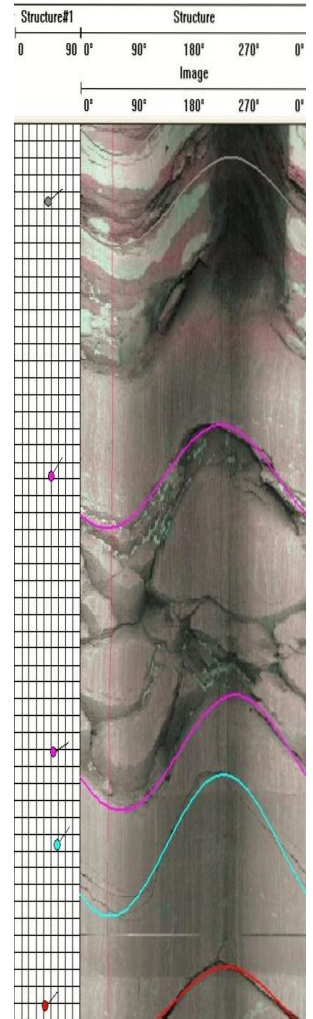
Geophysical Application

Borehole Geophysical Services

Quality Geophysics has the capability to bring borehole measurements to your project investigations. By integrating a number of measurements within a borehole, Quality Geophysics can conserve and focus your drilling or well construction efforts.



Traditional borehole geophysical methods to identify bedrock lithology include measurements of natural gamma, spontaneous potential, resistivity near the borehole, fluid temperatures and borehole diameters. In addition to traditional geophysical methods, Quality Geophysics has developed a program of subsurface measurements that complement and expand most traditional hydrologic investigations. By measuring bedrock-fracture aperture, dip-angles and dip-direction, Quality Geophysics can establish geologic structure information when outcrops may not be available.



Measurements of groundwater flow within a borehole permits insight into aquifer conditions and potential contaminant migration pathways that may be used for optimal well screen placement when multi-level piezometers are constructed. Coupled with structural information, groundwater flow also provides an excellent basis to understand primary contaminant migration pathways.

A well-designed, integrated borehole logging program can be used to develop a comprehensive picture of subsurface conditions that cannot be gathered or effectively presented by any other means. Additionally, geophysical measurements provide an unbiased evaluation of conditions that can be easily stored, transmitted or evaluated by knowledgeable professionals.