

Deviation logging records the three dimensional geometry of the borehole. This log records the azimuthal direction (0-360 degree) and the inclination (0-90 degree) of the borehole over the depth of the borehole. Borehole deviation tools generally indicate direction to within  $\pm 2$  degree, and inclination to within  $\pm 0.5$  degree. The results of this log are used to correct the orientation of the fractures determined from the acoustic and optical imaging. Deviation has numerous applications in the ground water, mining, & engineering communities. Deviation sensors in televiewer probes allow us to record and save strike & dip of planar (fractures) features that intersect the borehole wall.