



Equipment Design

Consulting

Software

Rental

## Borehole Deviation Probe *DevProb1*

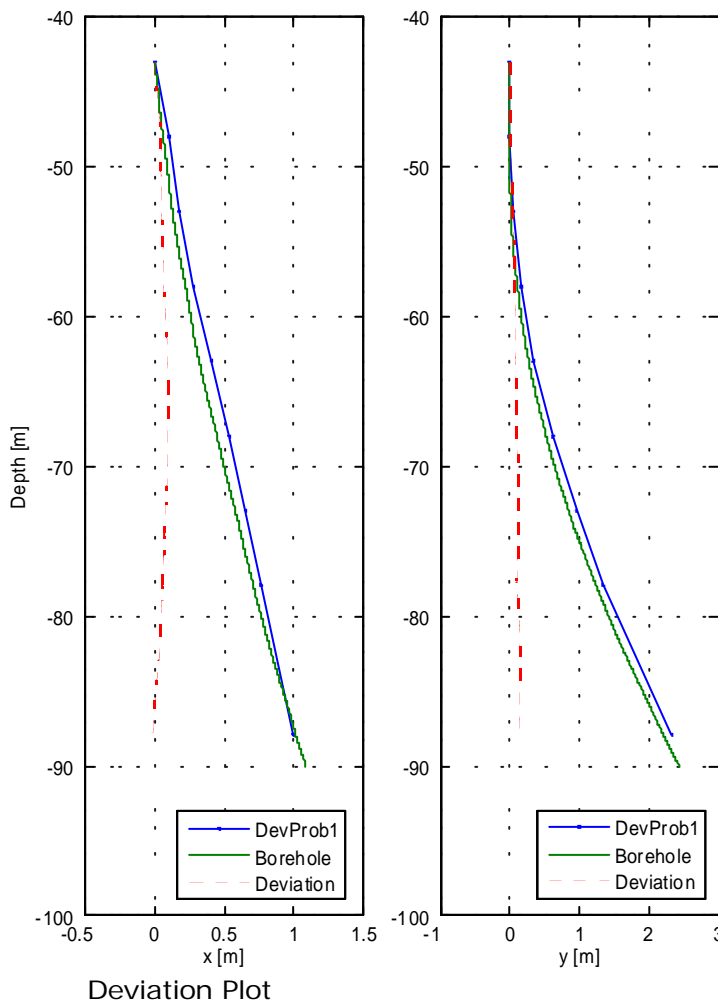
Drilling direction is needed where precise XYZ location of a downhole tool is required. The DevProb1 borehole logging tool is designed to provide drilling deviation and inclination for numerous applications like seismic tomography and crosshole testing.

A 3-axis magnetometer probe provides accurate direction and a dual tilt sensor the inclination information about the drilling. The tool is temperature compensated. The borehole deviation can be read at desired depth. The deviation and inclination will be transformed to X-Y-Z coordinates. In this case, seismic source and receiver location can be calculated.

The logging unit is sealed and potted and is ready to be used in shallow borehole applications.



DevProb1 with cable and drum



**Technical data:**

- Length: ~ 1200 mm
- Outer diameter: 40 mm
- Cable length: 150m
- Cable marker: every 2 m
- Azimuth range: 0 .. 360°
- Azimuth resolution : 12bit (<0.1 deg)
- Tilt range: 0 ..70° (linear corrected)
- Tilt resolution: 12bit (< 0.1 deg)
- Temp.-range: -30 ... +85°C



Probe delivered in a hard cover case.