

Survey Probes

Verticality & Inclinometer Probes

APPLICATIONS

- Real time Inclination & Azimuth
- Continuous Well profiling
- Open hole borehole requiring an accurate survey
- TVD calculation of target zone
- Orientating logging probes
- Locating magnetized ore bodies or metallic environments

FEATURES

- Wireline
- No calibration or drift
- Combinable with other probes

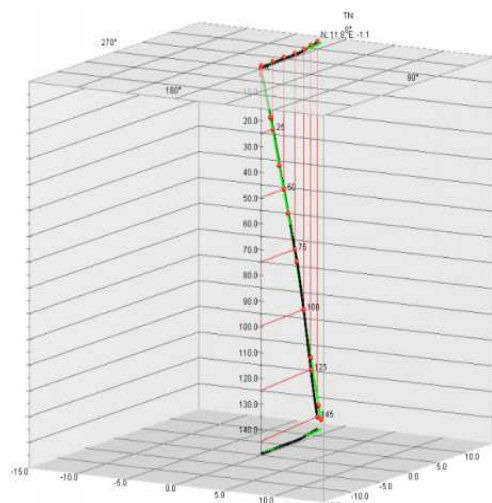
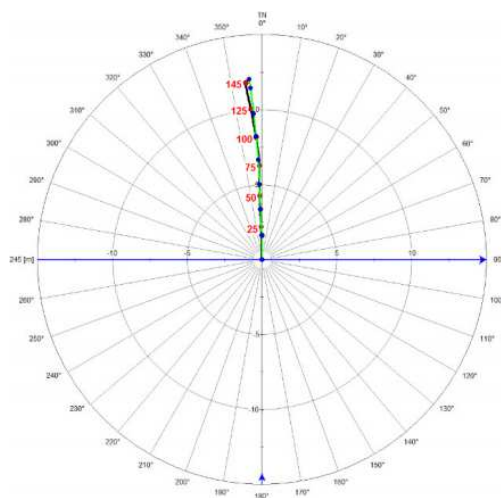
The Geovista digital Verticality probe can be used in open hole boreholes or in non-magnetic casing to provide accurate, continuous inclination and azimuth measurements. It can be run on its own or in combination with other Geovista sondes.

OVERVIEW

The verticality probe is a very useful tool that provides real time continuous survey measurements of the borehole. This data can be processed to present graphical outputs of the borehole direction, deviation, drift and true vertical depth. Completely combinable with other Geovista probes, it can also be used to orientate measurements (such as a caliper arm) with respect to magnetic North, relative bearing or tool high side. The probe includes an extremely accurate 3-axis fluxgate magnetometer and a 3-axis accelerometer.

An Inclinometer probe is also available that only measures borehole inclination.

The inclination measurement can be run in any environment including metallic. If Azimuth measurements are required in a metallic/magnetic environment, consider using a Geovista Gyro probe.



SPECIFICATION

	Verticality Sonde	Inclinometer Sonde
Weight	2.5 kg	2.5 kg
Length	0.6 m	0.6 m
Diameter	38 mm	38 mm
Inclination Accuracy	±0.2°	±0.2°
Inclination Range	0 to 180°	0 to 180°
Azimuth Accuracy	±1.0°	<i>Not included</i>
Azimuth Range	0 to 360°	<i>Not included</i>
Max. Pressure	20 MPa	20 MPa
HP version	35 MPa	35 MPa
Max. Temperature	80°C	80°C
HT version	HT 125°C	HT 125°C
Combinability	Modular	Modular
Borehole	Water, Mud, Air Open hole Cased hole	Water, Mud, Air Open, Cased, PVC
Centralisation	Recommended	Recommended

Sonde Channels:

Borehole Inclination, Azimuth, Relative Bearing, Magnetic Tool Face, Gravity Vector, Magnetic Vector and individual xyz vectors