

pH Probe

The Geovista pH Probe measures a continuous pH profile of the borehole fluid.

The Geovista pH Probe is easy to use and connects to the bottom of a stack. It provides a full, continuous pH profile of the borehole. This information is used in a variety of applications, from evaluation of contamination associated with e.g., acid mine drainage, to aquifer water quality measurements.

Water pH is affected by the types of gases and minerals groundwater has interacted during transport from the source into the borehole. The typical pH range for groundwater systems is between 6 to 8.5. Water with lower pH may indicate reaction with trace metals during transport and can be characteristic of acid mine drainage. Water with high pH may record reaction with carbonate-rich rocks which could cause impact its taste and interaction with appliances.

APPLICATIONS

- Water quality profile
- Fluid properties
- Groundwater properties
- Monitoring
- Intrusion and zonal determination
- Contamination analysis
- Groundwater flow

KEY FEATURES

- Fully combinable digital probes
- Measures pH range 1-14
- Bottom of stack only

SPECIFICATIONS

Weight (kg)	1.8
Length (m)	0.54
Diameter (mm)	38
Measure Range	pH 1 to 14
Max. Pressure (MPa)	12
Max. Temp. (°C)	80

