4.5Hz High Frequency Single Component Sensor

Salient Features

- These single component geophones are available as vertical units for use with the Texan digitizer and as vertical 6-channel strings for use with the multi-channel digitizer systems. The multi-channel strings are rarely used.
- This single channel vertical geophone has a frequency of 4.5Hz, damping of .707 critical and a sensitivity of 100 V/m/s.
- The primary use of these geophones is for active source experiments.

Manufacturer Documents:

- PASSCAL’s 4.5Hz, vertical geophones were manufactured by Geospace under part number GS-11D.

Installation & Troubleshooting:

Installation requires a separate bubble level to be placed on top of the geophone for proper leveling.

Other Documents:

- PASSCAL Sensor Comparison Chart
- Policy for the use of PASSCAL Instruments

Related categories: 1-Channel  High Frequency  Sensors  Sercel

Source URL: https://www.passcal.nmt.edu/content/instrumentation/sensors/high-frequency-sensors/geophones-45hz-hf-sensor