tomography crosshole downhole surface seismic

geotomographie

manufacturer of seismic borehole equipment

Sledge Hammer with Trigger Unit

The sledge hammer is used to generate seismic waves (P- or S-waves) at the surface. A piezotrigger element is attached to the hammer. The output piezo signal is transformed to a TTL pulse by a small box to provide an exact time break to the seismograph. It is a suitable source for shallow downhole surveys up to a depth of 100 m.

Technical Details

Length: 104 cm
Dimension: 104 x 21.5 x 12.5 cm
Weight: 8 kg
Material: Rubber mallet with two-part malleable cast iron housing (components are interchangable)
Operational depth: Up to 100 m
Trigger: 2 x piezo trigger with 5 m cable each, triggerbox which converts piezosignal into a TTL pulse, 20 m trigger extension cable

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