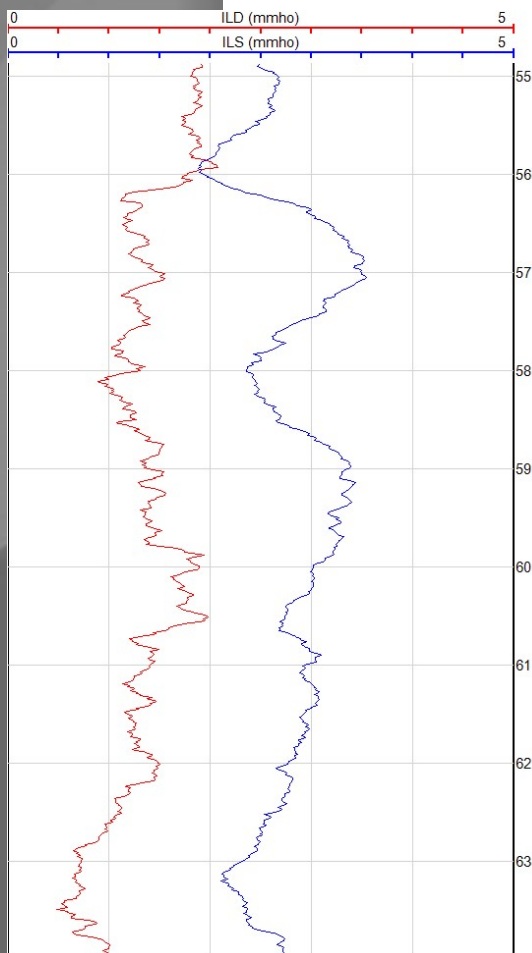


EM Dual Induction Probe

The EM Dual Induction Probe measures deep (ILD) and a shallow (ILS) formation conductivity. It can be operated in low-conductivity mud, air-filled, and plastic-lined boreholes.

The Dual Induction Probe works by transmitting a high frequency current through a coil and measuring the induced electromagnetic field 180° out of phase at the receiver. The sonde has two receiver coils, allowing for measurements over two depths of penetration - ILD and ILS.

The GV Dual Induction sonde is ideal for helping mineral explorers to detect conductive ore bodies. The probe also has key applications in hydrogeology where it can easily identify porous and permeable formations with differing ILD and ILS resistivity readings. The sonde performs particularly well in conductive formations and where the boreholes contain either higher resistivity mud or just air.



KEY FEATURES

- Combinable, digital probe
- Works in mud, air-filled, and plastic lined boreholes
- Simultaneous deep and shallow measurement

APPLICATIONS

- Formation conductivity in both open and plastic lined boreholes.
- Indication of porous and permeable zones.
- Detection and delineation of mineralised formations

SPECIFICATIONS

Weight (kg)	5.0
Length (m)	1.86
Diameter (mm)	45
TX-RX Spacings	20" & 32"
Operating Frequency	100 kHz
Resistivity Range	0.2 to 1000 Ohm m
Max. Pressure (MPa)	20 (HP version @ 35)
Max. Temp. (°C)	80 (HT version @ 125)

DILS Sonde

Accessories: Test and calibration loop, stand-off