Defining Your Resource

Borehole Wireline

GEOPHYSICAL LOGGING PROBES

Water Level

WLIS

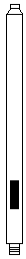
MEASUREMENT PRINCIPLE

The water level probe is a simple probe to accurately measure the fluid level in the borehole. Water level is an often neglected measurement but it is important in controlling borehole corrections for other probes. There are numerous advantages to having a digital log of fluid level.

The electrode is mounted in an open chamber at the base of the probe thus allowing free flow of the fluid through the detectors during data acquisition.

SINGLE PROBE

COMBINABLE PROBE STACK



Ideally suited for:

Groundwater investigations.
Borehole environmental corrections.

Operations & Calibration:

Minimum borehole diameter of 50mm.
Fluid filled open borehole conditions.

Typically recorded in a downhole logging direction at logging speeds of 5 – 7 m/min.

Final curve unit is unitless.

Probes can be stacked to the top and the bottom of the probe. Typical combinations are:

Gamma, gamma and caliper, magnetic deviation.

PHYSICAL SPECIFICATIONS	
Weight	2.6kg
Length	0.53m
Diameter	38mm
Detector	Electrode
Accuracy	+/- 5cm
Maximum Pressure	20 MPa
Maximum Temperature	80°C

ISO 9001 www.intlcert.com

AS/NZS 4801 www.intlcert.com

ISO 14001 www.intlcert.com

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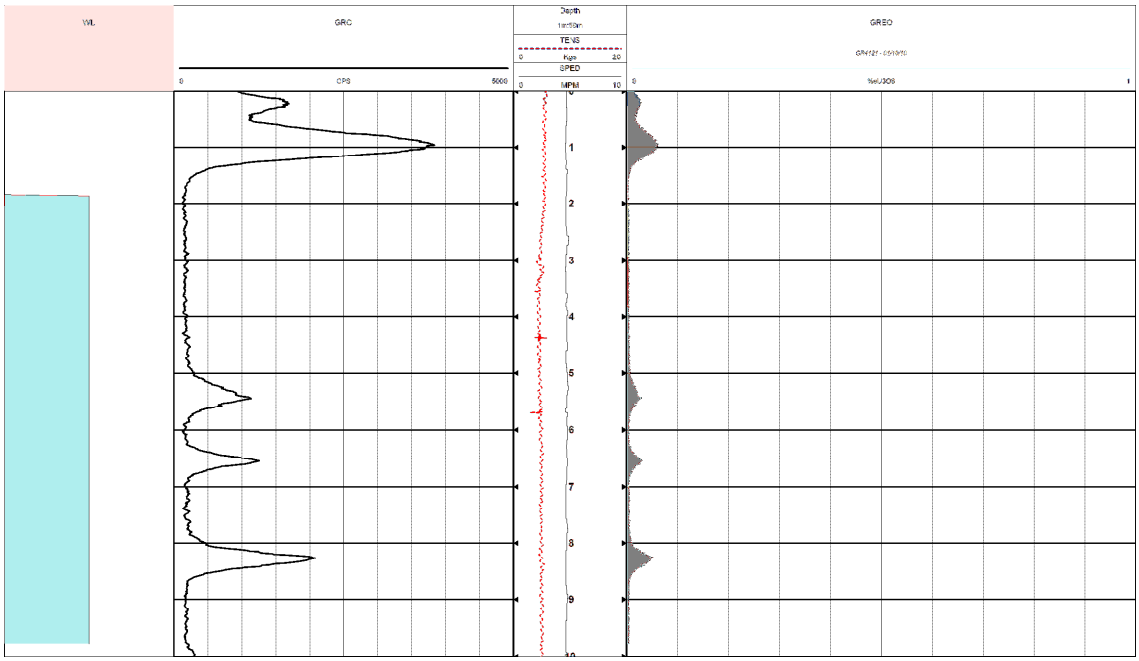

SINGLE PROBE

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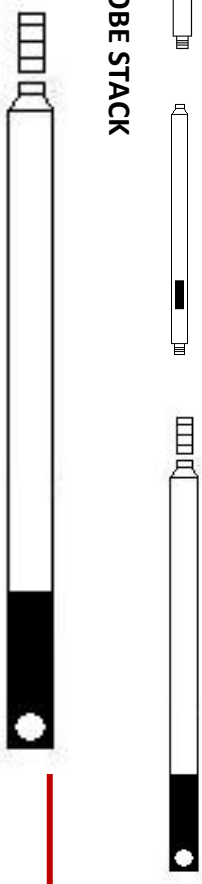

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