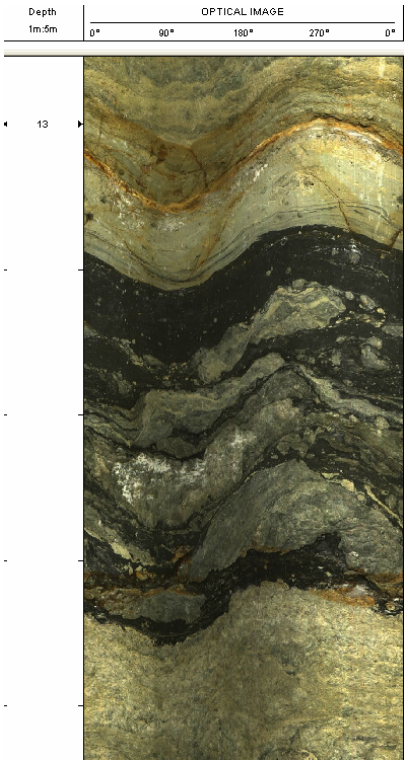
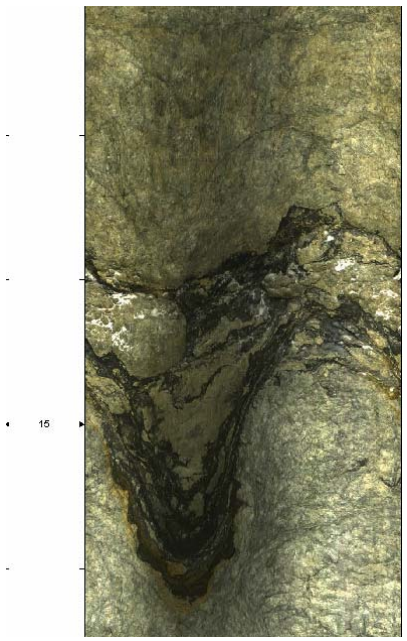
BOREHOLE WIRELINE
"For Logging & Interpretation Service"

Optical Scanner.





Single Run

Measurement Principle

The probe employs a combination of precision magnetometers and accelerometers to measure its orientation with respect to the earth's magnetic and gravitational fields which is combined with a high resolution ceramic mounted video sensor. The sensor can capture images at a rate of up to 60 frames per second.

The digital video sensor system provides for full pixel by pixel colour calibration to ensure a perfect image colour balance.

The camera is focused through a prism which allows a 360 degree optical image of the borehole to be acquired.

The system through acquisition to transmission and recording is totally digital, thus ensuring no loss of data quality.

Operation

The probe can be run in air filled and/or clean fluid filled openhole conditions. No azimuth information can be gained inside magnetic steel casing.

PHYSICAL SPECIFICATIONS	
WEIGHT	5 kg
LENGTH	1.63m
DIAMETER	42mm
CONSTRUCTION	Titanium
BH DIAMETER RANGE	50mm – 380mm
RADIAL RASOLUTION	360 through to 1440 pixels (user definable)
VERTICAL RESOLUTION	< 1mm
ORIENTATION	3 axis magnetometer & 3 axis accelerometer
MAX. TEMP/PRESSURE	80°C/20 MPa