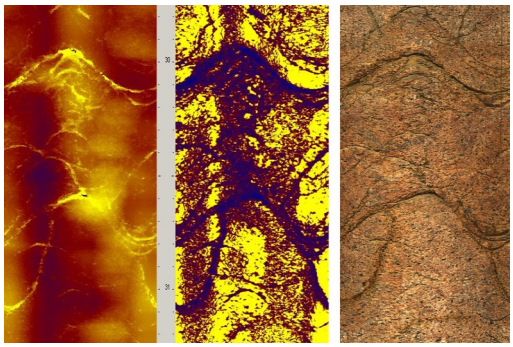
Acoustic Televiewer

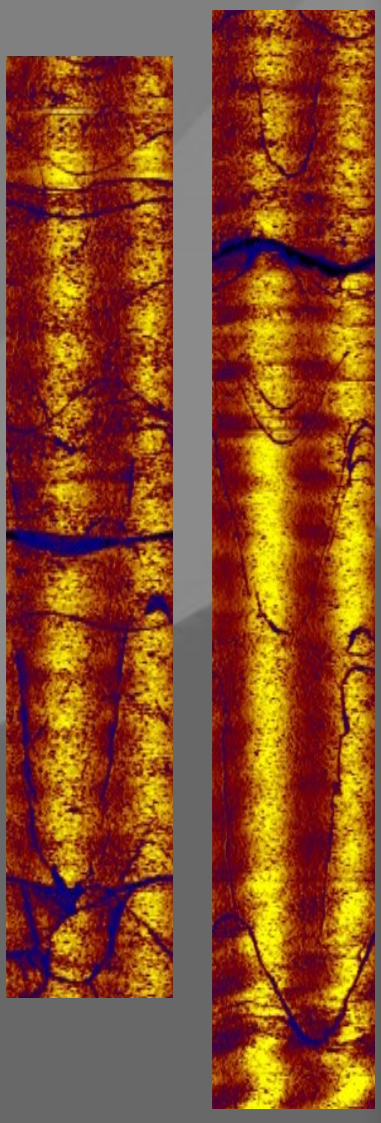
The Acoustic Televiewer provides continuous false colour images of the borehole walls, revealing detailed information on fracture and bedding dip direction and orientation. The operating software acquires this high resolution data in real time.

The Acoustic Televiewer provides “false colour” images of borehole walls. can be run in both clear and opaque mud. Log parameters include 360° oriented Travel Time Image (12-bit resolution / 100 ns per bit), 360° oriented amplitude Image and borehole azimuth and dip.

APPLICATIONS

- Oriented structural information
- Breakout analysis
- Borehole deformation analysis
- Thin bed analysis
- Core orientation referencing
- Stratigraphic studies
- Cased hole inspection
- Fracture identification





SPECIFICATIONS	Acoustic Televiewer Probe
Weight	8.0 kg
Length	2.1 m
Diameter	42 mm
Borehole Diameter Range	70 to 400 mm , depending on conditions
Max. Pressure	200 bar
Max. Temperature	70 ºC
Typical Logging Speed	2.5 m/min with 720 pixels horizontal and 1 mm vertical resolution.
Acoustic Subsystem:	- Frequency: 1.5 MHz
	- Beam angle: 3º conical
	- Rotation speed: up to 20 rev/sec
	- Sampling density: 90, 120, 180 or 360 per revolution
	- Acquisition sampling rate: 100 nS
	- Gain: 0 to 60 dB in 1 dB steps or automatic gain control (AGC)
	Acquisition resolution: 8 bits
Combinability	Not combinable
Borehole	Fluid filled & light mud
	Open, cased, PVC
Centralisation	Required
	Centralisers supplied with probe
Accessories	Optional NaI gamma detector installed
	Commonly used with post-log processing software