













Side 7

ATV - Acoustic Televiewer

Aim

- Fracture identification and orientation
- Core orientation
- Hardness logs'
- Stratigraphic study
- Local stress study (break out)

Method

- Probe with fixed acoustic transducer and a rotating acoustic mirror to scan with a ultrasound beam
- Records amplitude and traveltime in separate files
- Travel time log equivalent to 360 arm caliper shows diameter change including fractures

GEO SUBSURFACE EXPERTISE

Side 8

ATV - Acoustic Televiewer

Advantages

- 360 degree sounding of the borehole surroundings
- continuous recording of the formation
- can be carried out in a cased borehole
- Can be carried out in dirty or opague borehole fluids

Disadvantages

- require open and stable borehole

















