



BOREHOLE CALIPER

Borehole caliper surveys provide a continuous log of borehole diameter using three or four mechanical arms in constant contact with borehole wall. Caliper surveys show borehole obstructions and small and large washouts critical for evaluation of the borehole condition.

Three-arm caliper probes determine borehole diameter by averaging measurements from the three independent arms. Four-arm, X-Y probes utilize two set of caliper arms set 90° apart. X-Y caliper surveys show borehole eccentricity and borehole geometry.

COLOG utilizes advanced software that calculates both the borehole volume and cement volume, when future casing size is known. Running borehole and cement volume totals are plotted with depth to aid in cementing operation.

Both three and four arm caliper probes can be fitted with short or long caliper arms to accommodate a wide range of borehole sizes; from small NQ drilled boreholes to very large augered holes.



APPLICATIONS:

- + Borehole Condition Evaluation
- + Borehole Geometry
- + Casing Evaluation
- + Cement Volume Calculation
- + Borehole Volume Calculation
- + Identify Borehole Collapse or Obstruction

PROBE SPECIFICATIONS:

Tool Diameter:	38mm (1.5 in.) to 54mm (2.125 in.)
Tool Length:	178cm (70 in.) to 216cm (85 in.)
Max Temperature Rating:	150 °C (302 °F)
Max Pressure Rating:	20,000 psi
Parameters Measured:	Average Diameter mm (in.)
Min Hole Size:	51mm (2 in.)
Max Hole Size:	1524mm (60 in.)

