

Acoustic Cement Bond Logging

A specific type of [Cement Logging](#) based on the analysis of the decay and arrival time of the induced acoustic impact.

There are three major types of [Acoustic Cement Bond Logging](#):

Cement Bond Logging (CBL)
Variable Density Logging (VDL)
Radial Cement Bond Tool Logging (RBT) = Cement Map

Modern tool designs combine all three in one housing.

The tool normally includes three components:

1	Acoustic transmitter
2	Near receiver located at 3 ft away from transmitter and consists of few segment receivers to pick up radial distribution of acoustic response (RBT) and integral response (CBL)
3	Far sensor located at 5 ft from transmitter and records the full waveform (VDL)

See Also

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