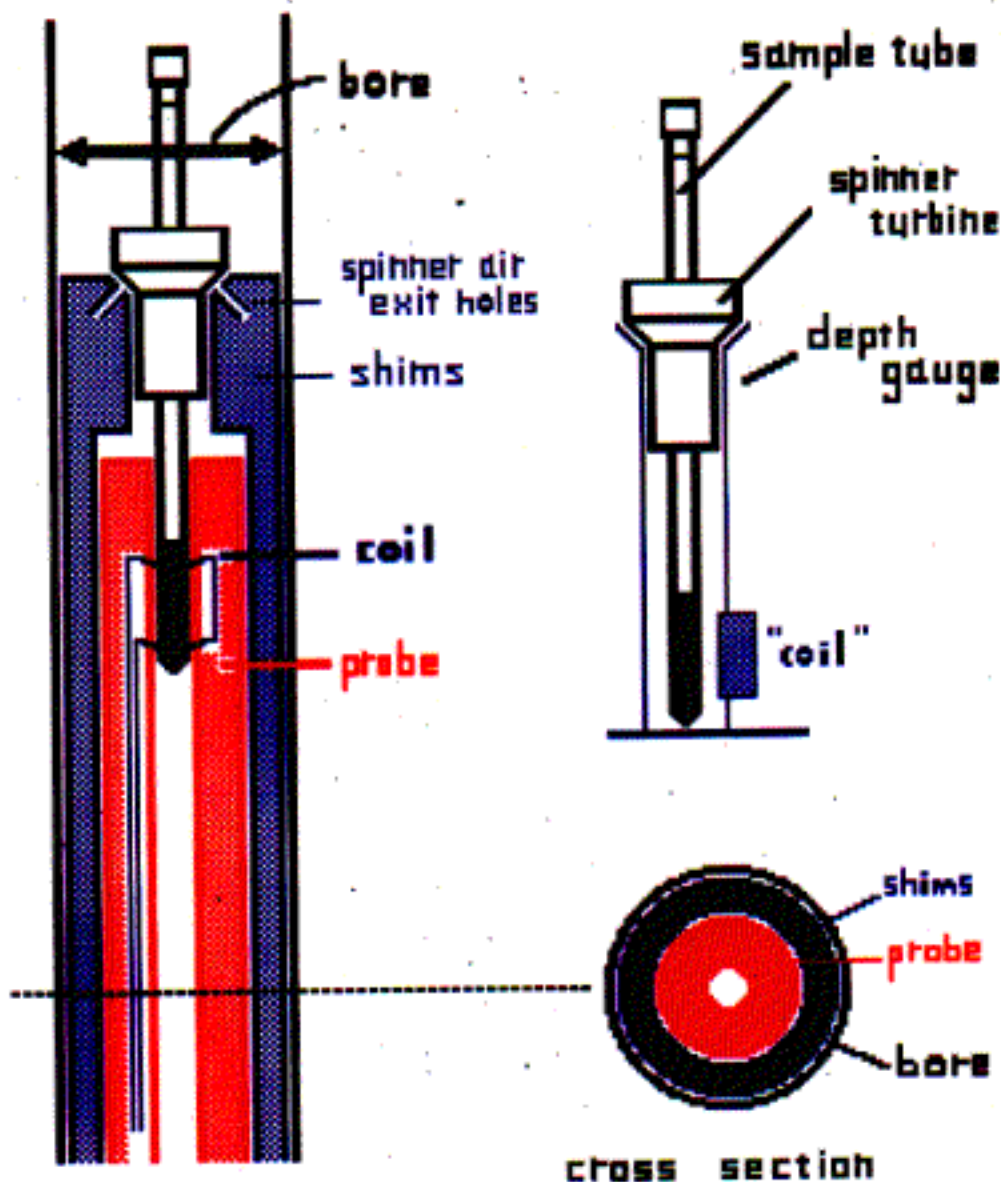


Sample Depth



Cross section of magnet showing probe, shim stack, and sample in bore. The spinner turbine, which holds the sample tube, rests on the top of the shim stack with the bottom of the sample tube inserted into a narrow hole in the probe. Correct sample tube placement in the spinner, adjusted with a depth gauge, assures that the liquid volume of the sample solution is centered in the transmit / receive coil of the probe.