

Volume 83: Chapter 30: Figure 2. Caliper and compressional- and shear-wave (V_p and V_s) velocity logs as a function of depth and lithology in Hole 504B. Also shown are the compressional- and shear-wave (solid and dashed line, respectively) interval velocities calculated from the velocity logs and the apparent formation porosities (solid line) calculated from the large-scale resistivity experiment. Superimposed on the interval velocity plot are compressional- and shear-wave (solid and open circles, respectively) sample velocities determined in the laboratory at confining pressures appropriate to the crustal section drilled. The open circles superimposed on the formation porosity plot are the formation porosities correlated in the text with the interval velocities; the closed circles represent the average sample porosity for each interval.

