



Figure 3.49 Shear wave velocity profile determined from forward modeling of Site 1-24.

Table 3.9 Tabulated values of layer properties determined from forward modeling of Site 1-24

Depth to Top of Layer, m	Layer Thickness, m	Shear Wave Velocity, m/s	Assumed Values		
			P-Wave Velocity, m/s	Poisson's Ratio	Mass Density, g/cc
0	1.0	220	411.6	0.3	1.92
1.0	1.5	100	187.1	0.3	1.92
2.5	0.5	100	1500	0.4978	2.0
3.0	6.0	150	1500	0.4949	2.0
9.0	6.0	160	1500	0.4942	2.0

Responsible Engineers: James A. Bay and Brady R. Cox, Utah State University