



Figure 3.57 Shear wave velocity profile determined from forward modeling of Site 1-42.

Table 3.11 Tabulated values of layer properties determined from forward modeling of Site 1-42

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	0.5	135	252.6	0.3	1.92
0.5	1.5	130	761.7	0.485	2.0
2.0	8.0	135	1500	0.4959	2.0
10.0	5.0	150	1500	0.4949	2.0

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