



Figure 3.15 Shear wave velocity profile determined from forward modeling of Site B.

Table 3.2 Tabulated values of layer properties determined from forward modeling of Site B

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	0.35	290	542.5	0.3	1.92
0.35	1.65	115	215.2	0.3	1.92
2.0	1.0	115	1500	0.497	2.0
3.0	4.0	185	1500	0.4923	2.0
7.0	3.0	400	1500	0.4617	2.0

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