

Figure 3.62 Shear wave velocity profile determined from forward modeling of Hotel Sapanca Centerline 1.

Table 3.12 Tabulated values of layer properties determined from forward modeling of Hotel Sapanca Centerline 1

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	385	720.3	0.3	1.92
0.5	0.75	135	330.7	0.4	1.92
1.25	3.75	135	1500	0.4959	2.0
5.0	8.0	165	1500	0.4939	2.0
13.0	2.0	200	1500	0.491	2.0

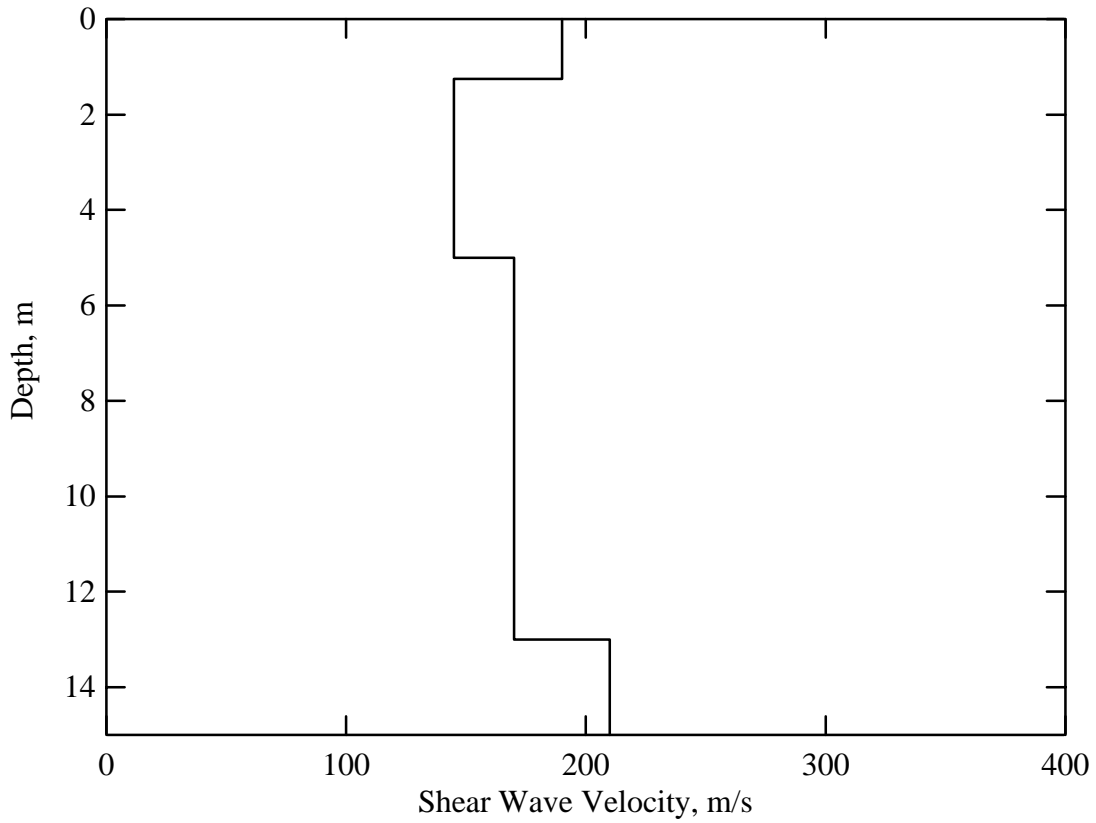


Figure 3.65 Shear wave velocity profile determined from forward modeling of Hotel Sapanca Centerline 2.

Table 3.13 Tabulated values of layer properties determined from forward modeling of Hotel Sapanca Centerline 2

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	1.25	190	355.5	0.3	1.92
1.25	3.75	145	1500	0.4953	2.0
5.0	8.0	170	1500	0.4935	2.0
13.0	2.0	210	1500	0.49	2.0

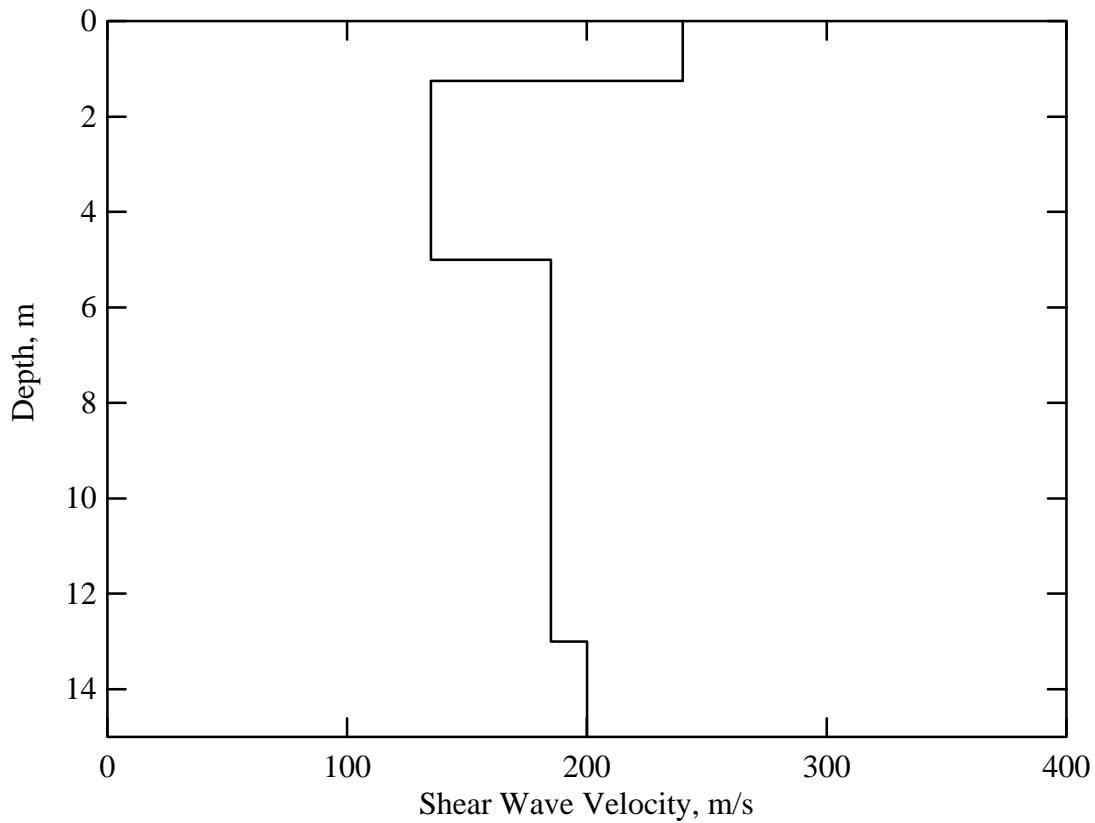


Figure 3.68 Shear wave velocity profile determined from forward modeling of Hotel Sapanca Centerline 3.

Table 3.14 Tabulated values of layer properties determined from forward modeling of Hotel Sapanca Centerline 3

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	1.25	240	499.6	0.35	1.92
1.25	3.75	135	1500	0.4959	2.0
5.0	8.0	185	1500	0.4923	2.0
13.0	2.0	200	1500	0.491	2.0

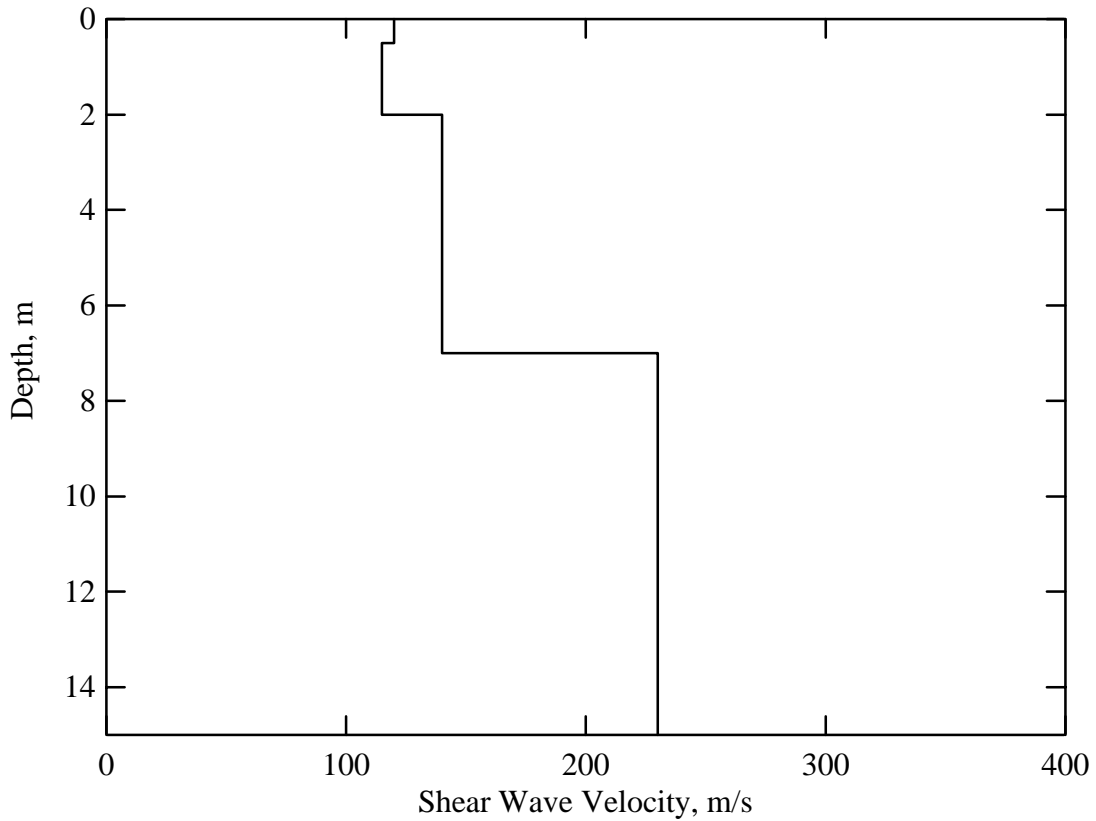


Figure 3.71 Shear wave velocity profile determined from forward modeling of Hotel Sapanca Centerline 4.

Table 3.15 Tabulated values of layer properties determined from forward modeling of Hotel Sapanca Centerline 4

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	120	224.5	0.3	1.92
0.5	1.5	115	1500	0.497	2.0
2.0	5.0	140	1500	0.4956	2.0
7.0	8.0	230	1500	0.488	2.0

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