

Fig. 3.21 Shear wave velocity profile determined from forward modeling of Site C North Centerline.

Table 3.3 Tabulated values of layer properties determined from forward modeling of Site C North Centerline

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	160	299.3	0.3	1.92
0.5	0.5	100	187.1	0.3	1.92
1.0	4.0	85	1500	0.4984	2.0
5.0	10.0	180	1500	0.4927	2.0
15.0	10.0	200	1500	0.491	2.0

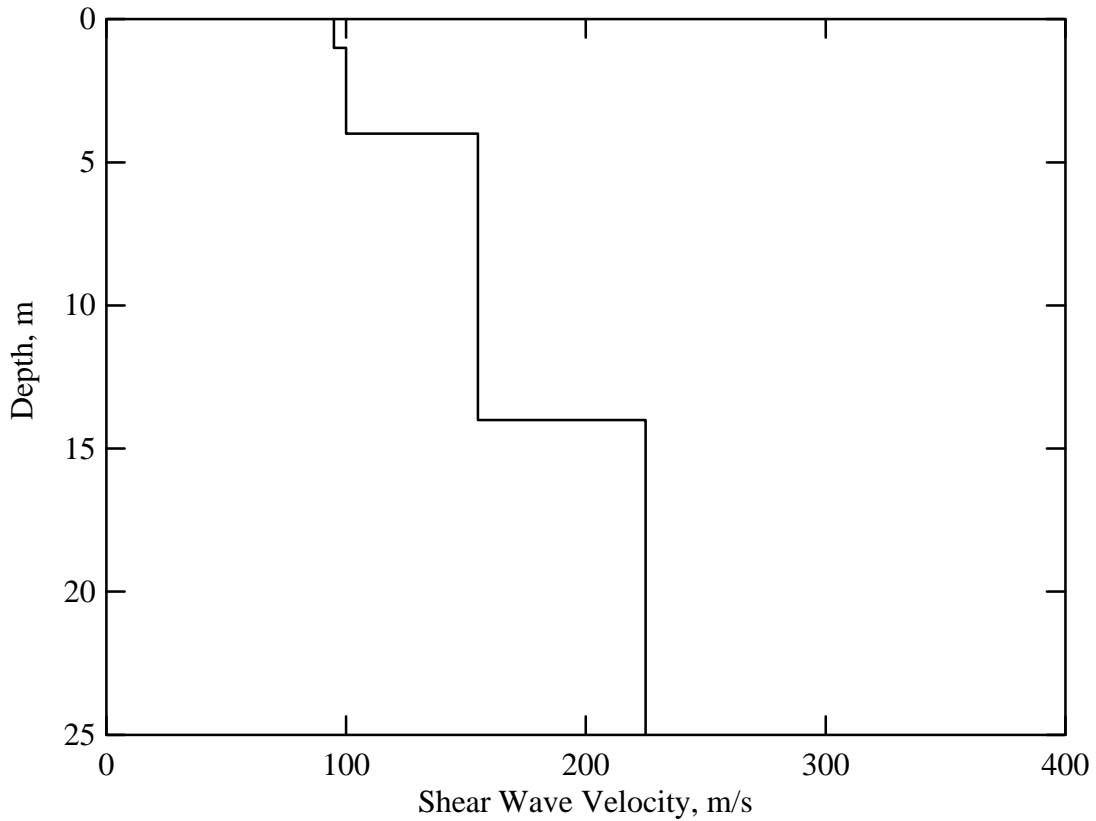


Figure 3.24 Shear wave velocity profile determined from forward modeling of Site C South Centerline.

Table 3.4 Tabulated values of layer properties determined from forward modeling of Site C South Centerline

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	95	177.7	0.3	1.92
1.0	3.0	100	1500	0.4978	2.0
4.0	10.0	155	1500	0.4946	2.0
14.0	11.0	225	1500	0.4885	2.0

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