



Figure 3.81 Shear wave velocity profile determined from forward modeling of Police Station.

Table 3.17 Tabulated values of layer properties determined from forward modeling of Police Station

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	0.5	160	299.3	0.3	1.92
0.5	0.5	140	216.9	0.3	1.92
1.0	0.5	140	820.3	0.485	2.0
1.5	6.5	95	1500	0.498	2.0
8.0	8.0	135	1500	0.4959	2.0
16.0	4.0	210	1500	0.49	2.0

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