

Table 3. Time and velocity for SNC001.

CPT # **SNC001** Sounding # **1**

Offset, source 0.96 Units: ms=milliseconds
Offset, seismometer 0.25 m/s=meters per second

Surficial Geology Alluvial Green Valley Fault

Source OLD hammer

Vs20= **222** m Vs30= **237** m/s

Depth m	Corrected Depth m	Depth ft	Travel time ms	Corrected travel time ms	Average Velocity m/s	Interval Velocity m/s
2.00	1.75	5.7	14.54	12.75	137	137
4.00	3.75	12.3	24.59	23.82	157	181
6.00	5.75	18.9	36.09	35.60	162	170
8.00	7.75	25.4	46.28	45.93	169	194
10.00	9.75	32.0	53.53	53.27	183	272
12.00	11.75	38.6	61.20	61.00	193	259
14.00	13.75	45.1	67.90	67.74	203	297
16.00	15.75	51.7	75.42	75.28	209	265
18.00	17.75	58.2	82.79	82.67	215	271
20.00	19.75	64.8	89.14	89.03	222	314

Top, m	Bottom, m	Bottom Depth, ft	Top corrected time, ms	Bottom corrected time, ms	Interval velocity, m/s
0.00	7.75	25.43	0.00	45.93	169
7.75	19.75	64.80	45.93	89.03	278
0.00	1.75	5.74	0.00	12.75	137
1.75	7.75	25.43	12.75	45.93	181
7.75	19.75	64.80	45.93	89.03	278

Offset, generator, 0.70 m

Offset, hammer, 0.96 m

