



Stratigraphic Layer	Site Response Sublayer	Average Elevation Range
Quaternary sands (S-1)	Not Used	+36 ft. to +42 ft.
Calcareous silts (weathered limestone) (S-2)	S2	+10 ft. to +36 ft.
Calcareous silts (weathered limestone) (S-3)	S3	-25 ft. to 10 ft.
Avon Park limestone (NAV-1, SAV-1)	AV1a	-50 ft. to -25 ft.
Avon Park limestone (NAV-1, SAV-1)	AV1b	-98 ft. to -50 ft.
Avon Park limestone (NAV-2, SAV-1)	AV2	-155 ft. to -98 ft.
Avon Park limestone (NAV-2, SAV-1)	AV3a	-170 ft. to -155 ft.
Avon Park limestone (NAV-3, SAV-2), low velocity zone	AV3b	-225 ft. to -170 ft.
Avon Park limestone (NAV-3, SAV-2)	AV3c	-310 ft. to -225 ft.
Avon Park limestone (NAV-4, SAV-3)	AV3d	-345 ft. to -310 ft.
Avon Park limestone (NAV-4, SAV-3)	AV3e	-395 ft. to -345 ft.
Avon Park limestone (NAV-4, SAV-3)	AV3f	Deeper than -395 ft.

0 100 ft.
(30.5 m)

Approximate scale
No vertical exaggeration

Progress Energy Florida
**Levy Nuclear Plant
Units 1 and 2
Part 2, Final Safety Analysis Report**

Generalized Section Showing
Stratigraphic Units at the LNP Site
Figure 2.5.1-250