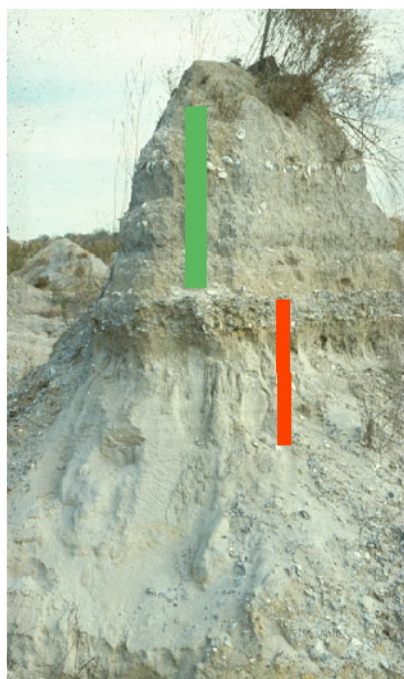


Gomez Pit, Virginia Beach, Virginia

Photo below shows overview of pit in 1989; circle shows feature known as "The Pedestal" that is enlarged in second photo. Corals for TIMS U-Th dating were collected from a site just to the left of the red X, from a unit equivalent to aminozone IIa as seen below.



"The Pedestal" circled in green in above photo.



Details of the aminostratigraphy as seen in the Gomez Pit section. Aminozone IIa is marked in green, aminozone IIc marked in red. The contact between the two aminozones is at an elevation of approximately -1 m. The green bar represents approximately 3 m of section. Mean D/L values for six amino acids in *Mercenaria* specimens from these two aminozones are plotted below. Increasing D/L values are plotted to portray the increasing stratigraphic age of the two units in this section.

