



Box cores collected during the months of July thru September, 1978 appear above the appropriate transect line in the illustration; cores collected in March, 1979 appear below the line. The cores have a 7-digit code number (e.g. E7B727-1) where the first character represents Estero Bay, the second character is the line number, the third character indicates that the sample is a box core, the next three characters are the collection date (month, and day), and the last character is the location along the transect line. Each core had a surface area of 7.5 by 15 cm and a maximum depth of 20 cm. Cores were oriented perpendicular to shoreline.

Core processing took place in the laboratory; it consisted of first opening the corer and scraping away all but the middle 2 cm of the core. This was followed with making a X-ray radiograph and an epoxy relief cast of the slab. Sediment samples collected coincidentally with the box cores are described in Dingler, and others (in prep). All cores consisted of fine grained sand with occasional coarse layers and varying amounts of shells and shell fragments. The box core descriptions are the result of examining relief cast, X-ray radiographs, and underwater field notes.

Reference:
Dingler, J.R., Anima, R.J., Molzan, D.E., Luepke, G., Peterson, C.D., A field study of littoral processes in Estero Bay, California, open file report (in preparation).

TRANSECT LINE LOCATION MAP WITH ILLUSTRATIONS OF BOX CORES COLLECTED FROM THE NEARSHORE AREAS OF ESTERO BAY, CALIFORNIA

By

Roberto J. Anima and John R. Dingler

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This map is preliminary and has not been reviewed for conformity with the U.S. Geological Survey editorial standards.