

PUERTO RICO MARINE GEOLOGY PROJECT

76009

Cruise Report: Research Vessel Jean A bottom sampling, offshore southwestern Puerto Rico, January - May 1976.

Staff: Rafael W. Rodriguez (Chief Scientist), José R. Muñiz, Nelson Espinell

Ship: R/V Jean A (65 foot - twin screw)

Time: Ship away from home port 18 January - 26 February and 5 April - 14 May 1976. Operating mode: day-cruises only, weekends off, other science parties using ship for short periods. Actual ship days for our work, 33.

Objective: To determine bottom-sediment distribution, suspended-sediment concentration, water color, transparency, and salinity in the Mayaguez-Boqueron area.

Equipment: Shipek and Van Veen grab samplers, Secchi disc, Forel bottles. Navigation by radar. In shallow areas a 17 foot McKee and a 10-1/2 foot inflatable Zodiac were used. Navigation in small boats was usually by horizontal sextant angles.

Summary: With a 1/20,000 scale, 2 meter contour interval bathymetric chart as a guide, 98 bottom samples were collected. This cruise completes the bottom sampling in the Mayaguez-Boqueron area. A total of 256 bottom samples were collected for this area.

5 APR - 14 MAY

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INCLUDES  
18 JAN - 26 FEB +  
5 APR - 14 MAY