

Plot of median grain diameter of sediments vs distance from shoreline over delta, Station Bay.

Bottom profiles of delta, Station Bay, Ellef Ringnes Island.

Distance from shoreline (log feet)

Median Diameter (log mm)

Depth of water (feet)

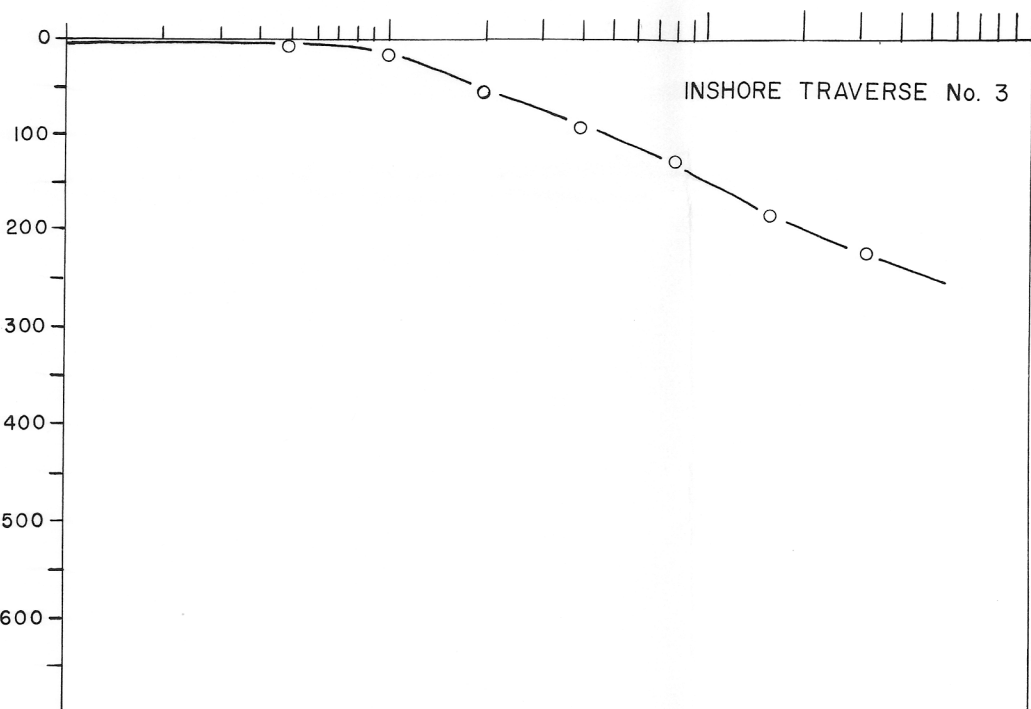
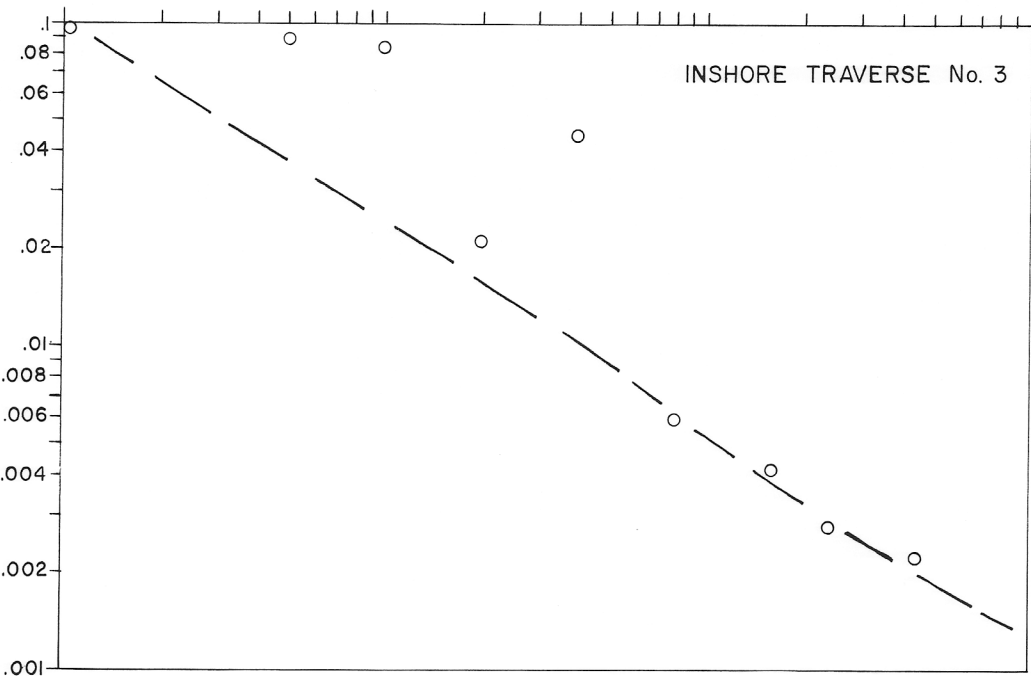
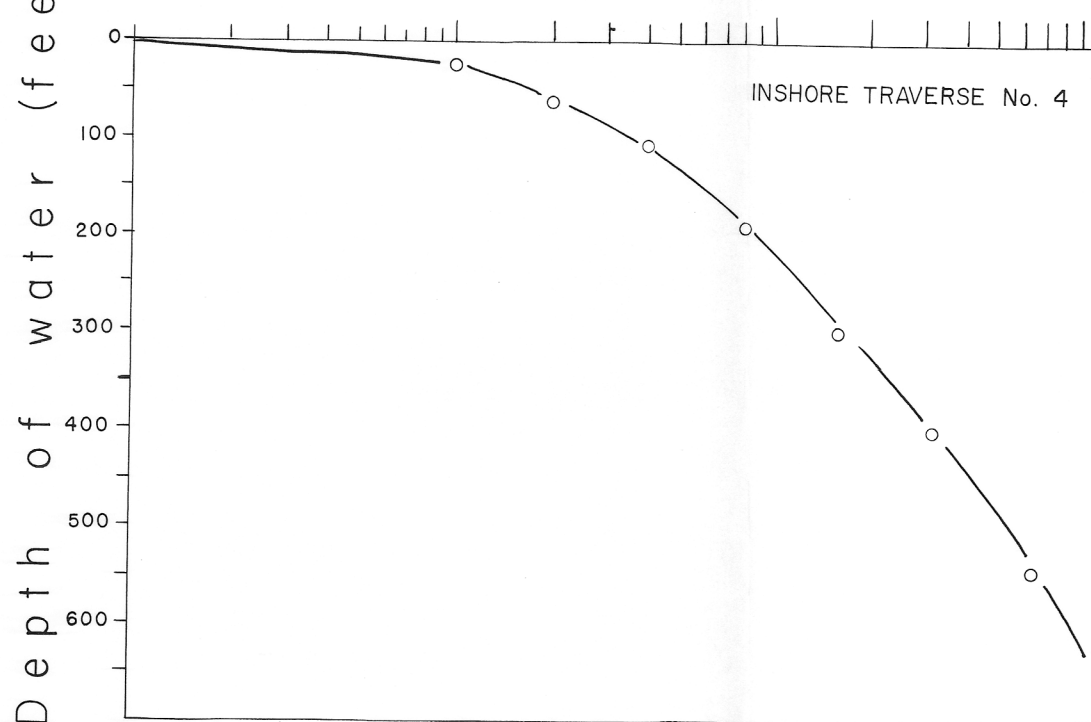
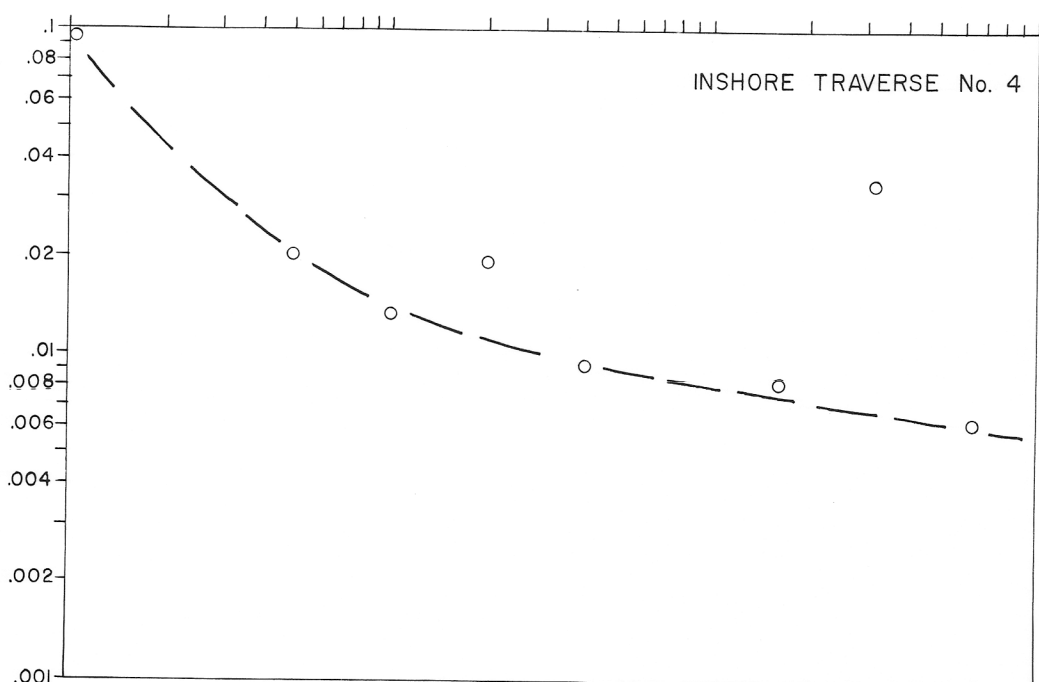
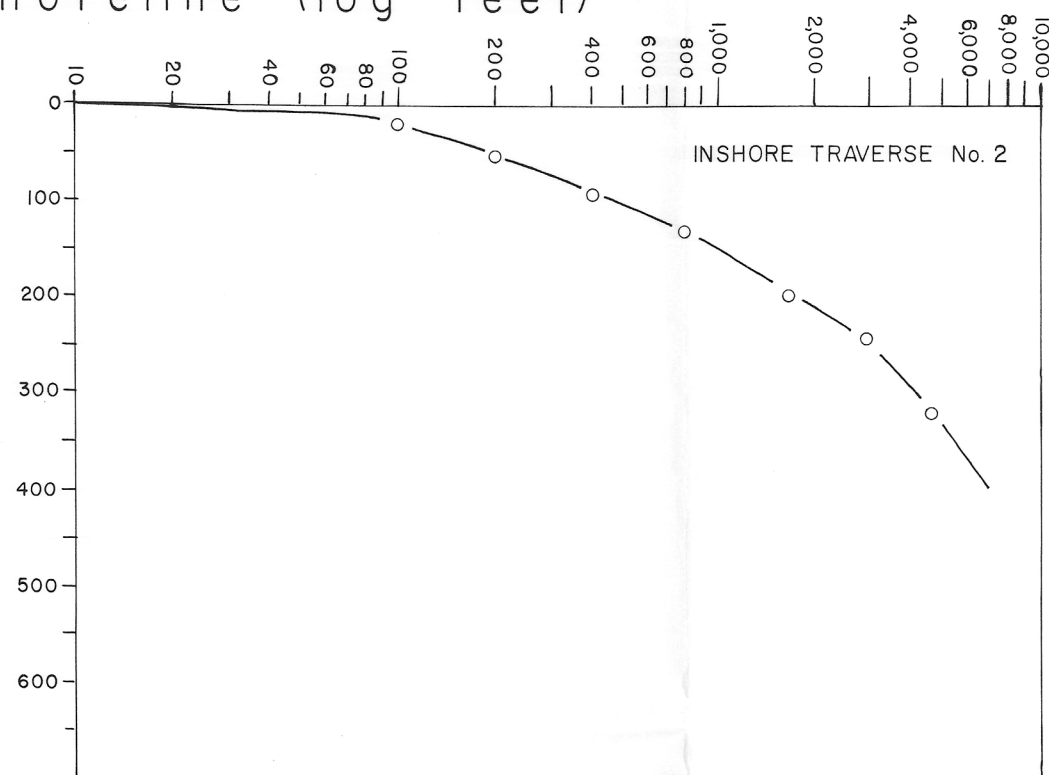
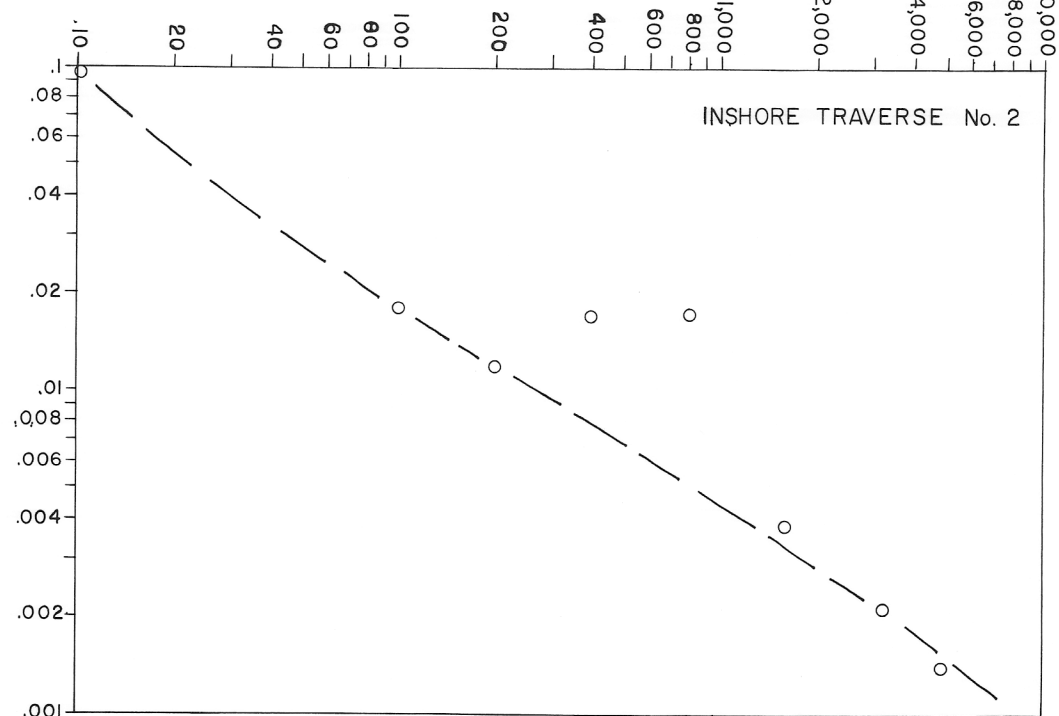


Figure 5. Size-distance plots of deltaic sediments with reference to submarine topography. Note that grain size decreases seaward on steep slopes which pass the shallow-water boundary very close to shore. Departure of size data from hypothetical curve in inshore areas is due to masking effect of ice-rafted and wind-borne material around river mouth. (See Figure 7 for reference to inshore traverses). Circles indicate samples and localities.