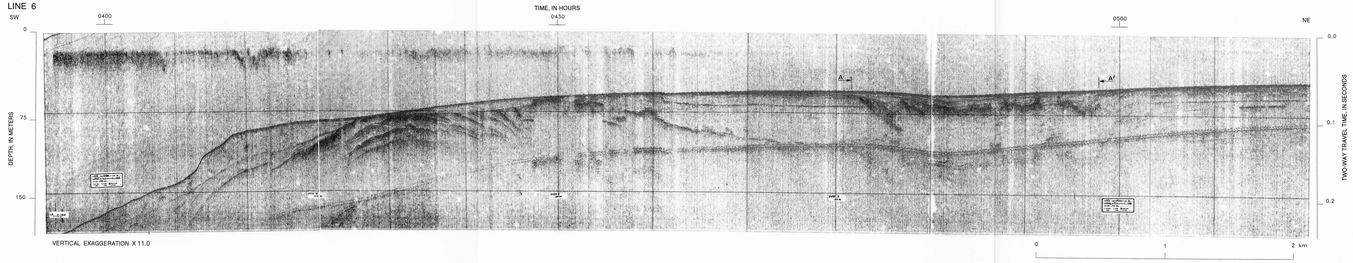
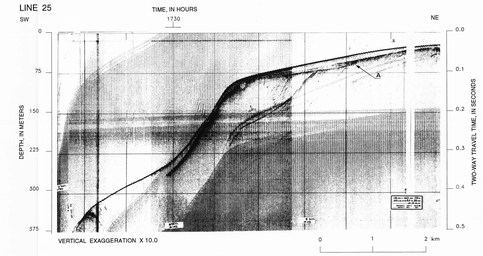
LINE 6



Line 6 (S278SC, Uniboom seismic profile).--A-A' marks filled channel inferred to be the paleo-San Gabriel River graded to a low sea-level stand.

LINE 25



Line 25 (S278SC, 3.5-kHz seismic profile).--This profile shows an angular unconformity at base of isopached unit. The unconformity is inferred to have formed approximately 600 ka. A, marks a buried terrace scarp.

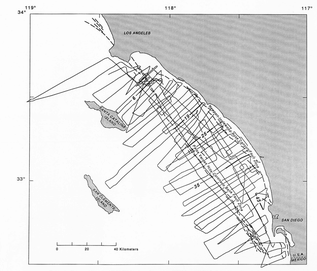
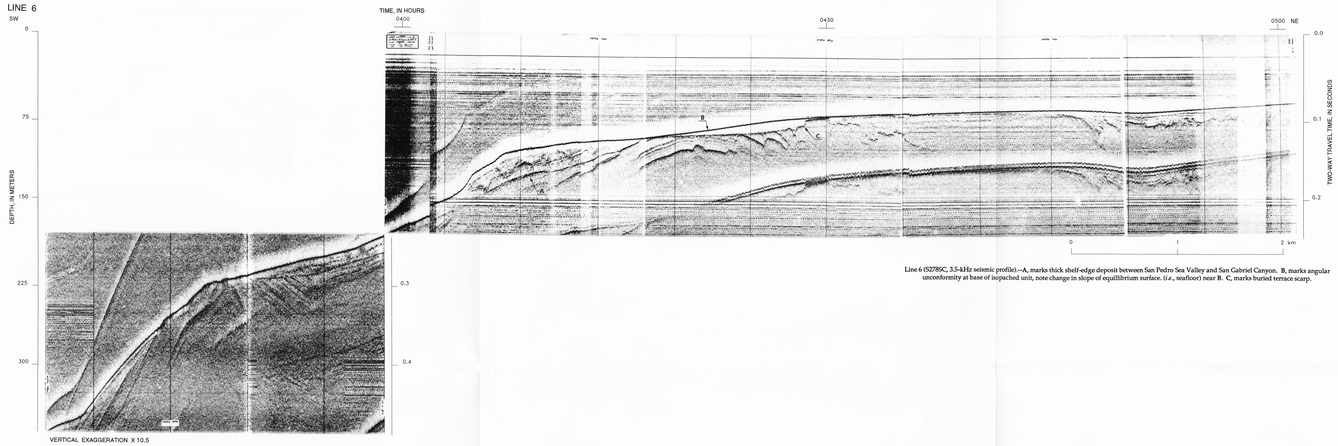


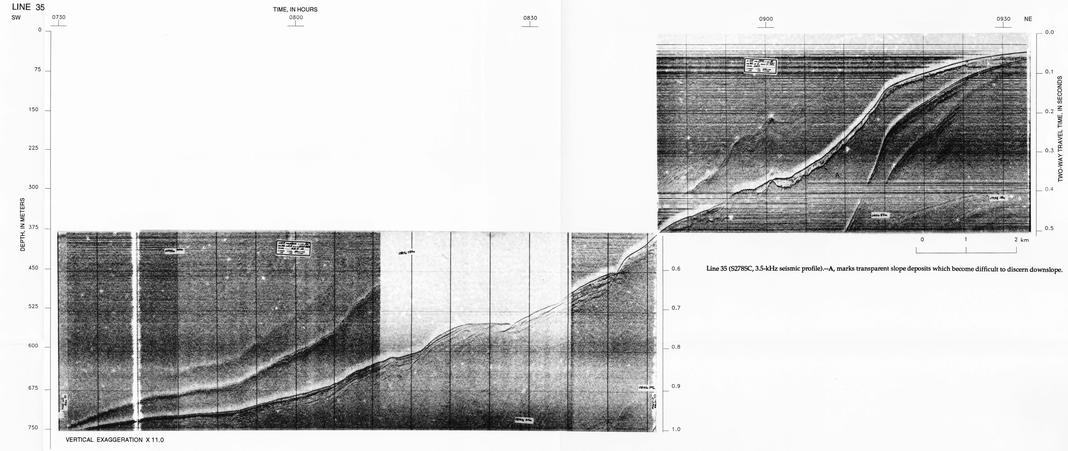
Figure 1.--Ship tracklines for USGS RV Sea Sounder cruises S278SC and S279SC. Seismic profiles used as examples shown by heavier lines.

LINE 6



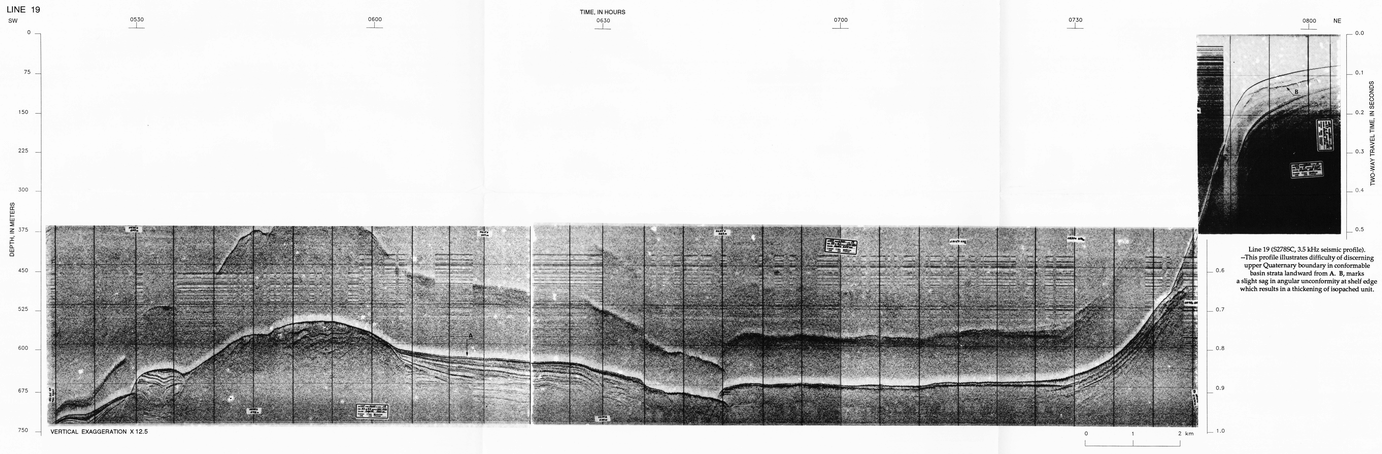
Line 6 (S278SC, 3.5-kHz seismic profile).--A, marks thick shelf-edge deposit between San Pedro Sea Valley and San Gabriel Canyon. B, marks angular unconformity at base of isopached unit, note change in slope of equilibrium surface. (*i.e.*, seafloor) near B. C, marks buried terrace scarp.

LINE 35



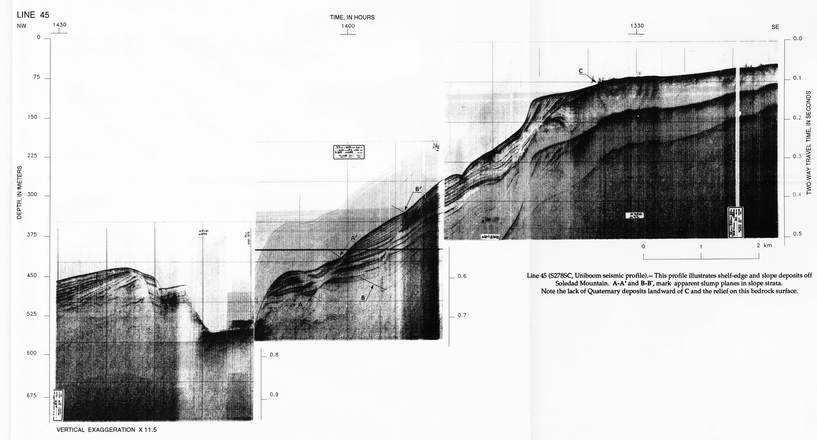
Line 35 (S278SC, 3.5-kHz seismic profile).--A, marks transparent slope deposits which become difficult to discern downslope.

LINE 19



Line 19 (S278SC, 3.5 kHz seismic profile). --This profile illustrates difficulty of discerning upper Quaternary boundary in conformable basin strata landward from A. B, marks a slight sag in angular unconformity at shelf edge which results in a thickening of isopached unit.

LINE 45



Line 45 (S278SC, Uniboom seismic profile).-- This profile illustrates shelf-edge and slope deposits off Soledad Mountain. A-A' and B-B', mark apparent slump planes in slope strata. Note the lack of Quaternary deposits landward of C and the relief on this bedrock surface.

SEISMIC PROFILES

ISOPACH MAP SHOWING QUATERNARY DEPOSITS IN THE GULF OF SANTA CATALINA AREA, CALIFORNIA

By
Patricia A. McCrory

1993