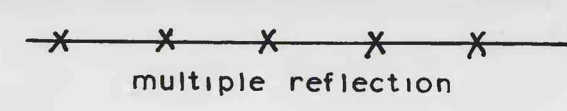


EXPLANATION

- QTb** Basin deposits
  - Unconformity
  - Ts** Sedimentary rocks
  - Unconformity
  - Tm** Monterey Shale
  - Unconformity
  - Tks** Sedimentary rocks
  - Major unconformity
  - Mz** Basement rocks
- Tertiary**  
 Quaternary: Pleistocene through Holocene  
 Tertiary: Miocene and Pliocene  
 Tertiary: Miocene  
 Tertiary: Cretaceous to Miocene  
 Mesozoic: Cretaceous

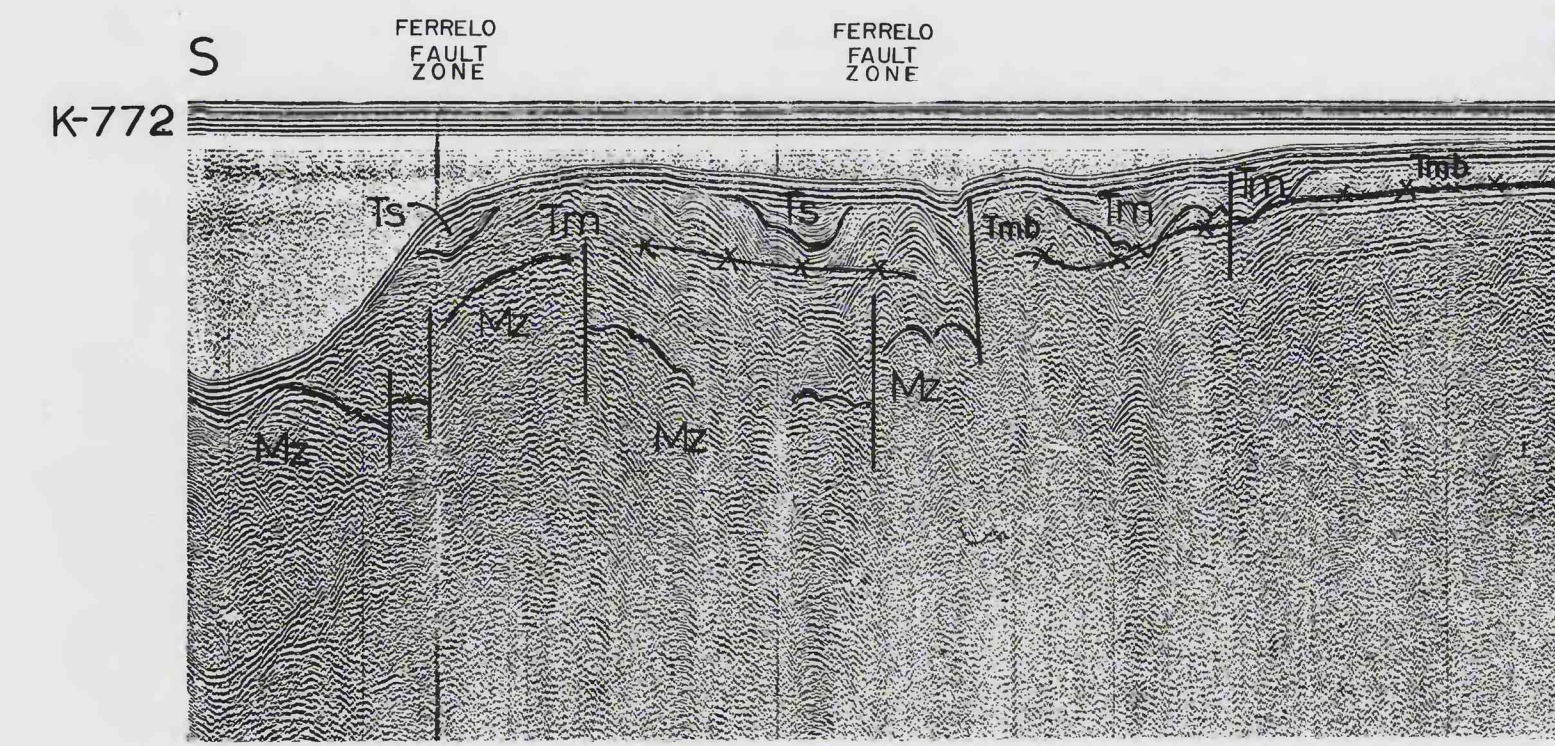
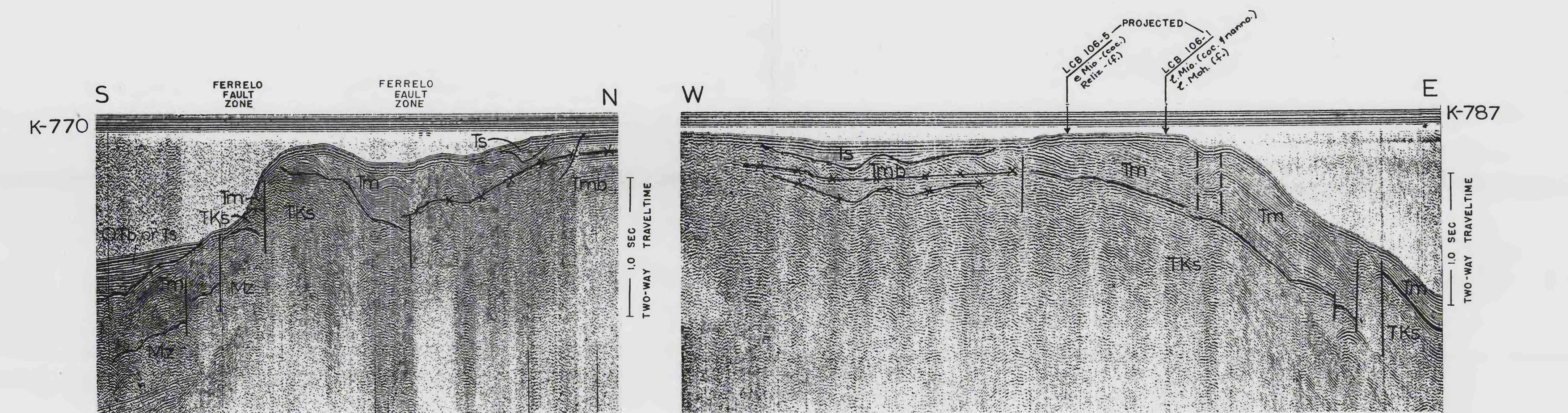
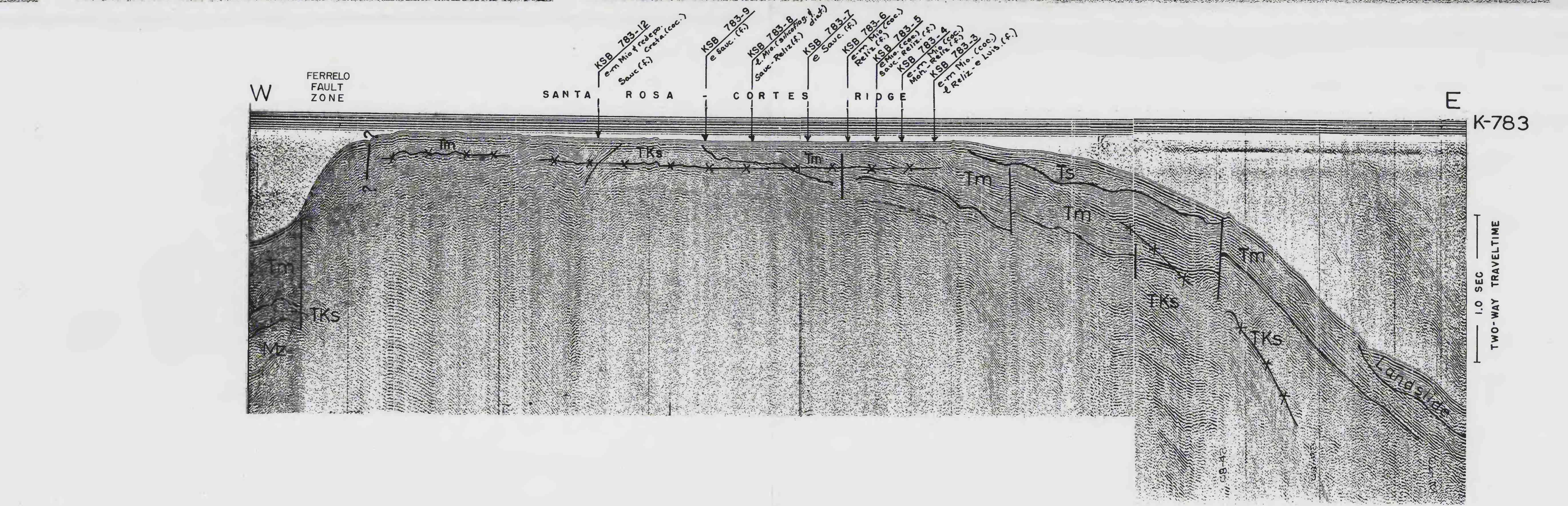


SAMPLE AGES

- l = late
- m = middle
- e = early

KSB and LCB samples from Vedder and others, 1974  
SCS sample from Vedder, Taylor, and others, 1976

Location of profiles shown on sheet 1, figure A



NOTE:  
Vertical exaggeration X5, based on seismic velocity in sea water. Exaggeration in sediments is less, inversely proportional to velocity.

SEISMIC REFLECTION PROFILES FROM SAN MIGUEL ISLAND TO SANTA ROSA-CORTES RIDGE

SEISMIC REFLECTION PROFILES IN AREA OF SANTA ROSA-CORTES RIDGE

MAPS AND SEISMIC PROFILES SHOWING GEOLOGIC STRUCTURE OF THE NORTHERN CHANNEL ISLANDS PLATFORM, CALIFORNIA CONTINENTAL BORDERLAND

BY  
ARNE JUNGER  
1979