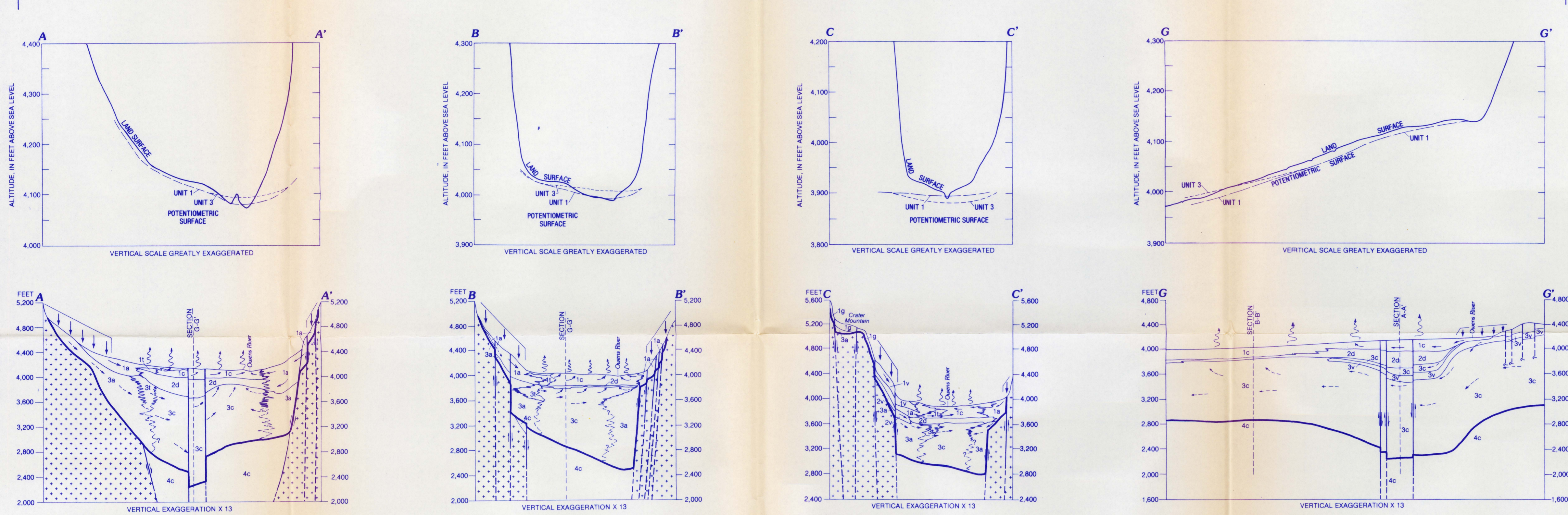


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BISHOP BASIN



EXPLANATION

HYDROGEOLOGIC UNITS

- 1 UNIT 1—Unconfined part of the aquifer system
- 2 UNIT 2—Confining unit of the aquifer system
- 3 UNIT 3—Confining and unconfined parts of the aquifer system
- 4 UNIT 4—Where present, the top serves as the base of the aquifer system

SUBUNITS

- a Alluvial-fan deposits—Includes younger and older deposits
- 1 Transition zone deposits
- g Glacial and talus deposits

Fluvial and lacustrine deposits:

- d Significant lenses and beds of clay
- c Undifferentiated deposits
- v Volcanic rocks, undifferentiated—Includes olivine basalt of the Big Pine volcanic field and Bishop Tuff

BEDROCK

- GENERALIZED CONTACT BETWEEN HYDROGEOLOGIC UNITS AND SUBUNITS
- FAULT—Dashed where inferred, quartered where uncertain; arrow indicates relative movement of fault block

GENERALIZED DIRECTION OF GROUND-WATER FLOW

- Unit 1
- Unit 3

BOUNDARY OF THE AQUIFER SYSTEM—As defined in text

APPROXIMATE AREA OF RECHARGE

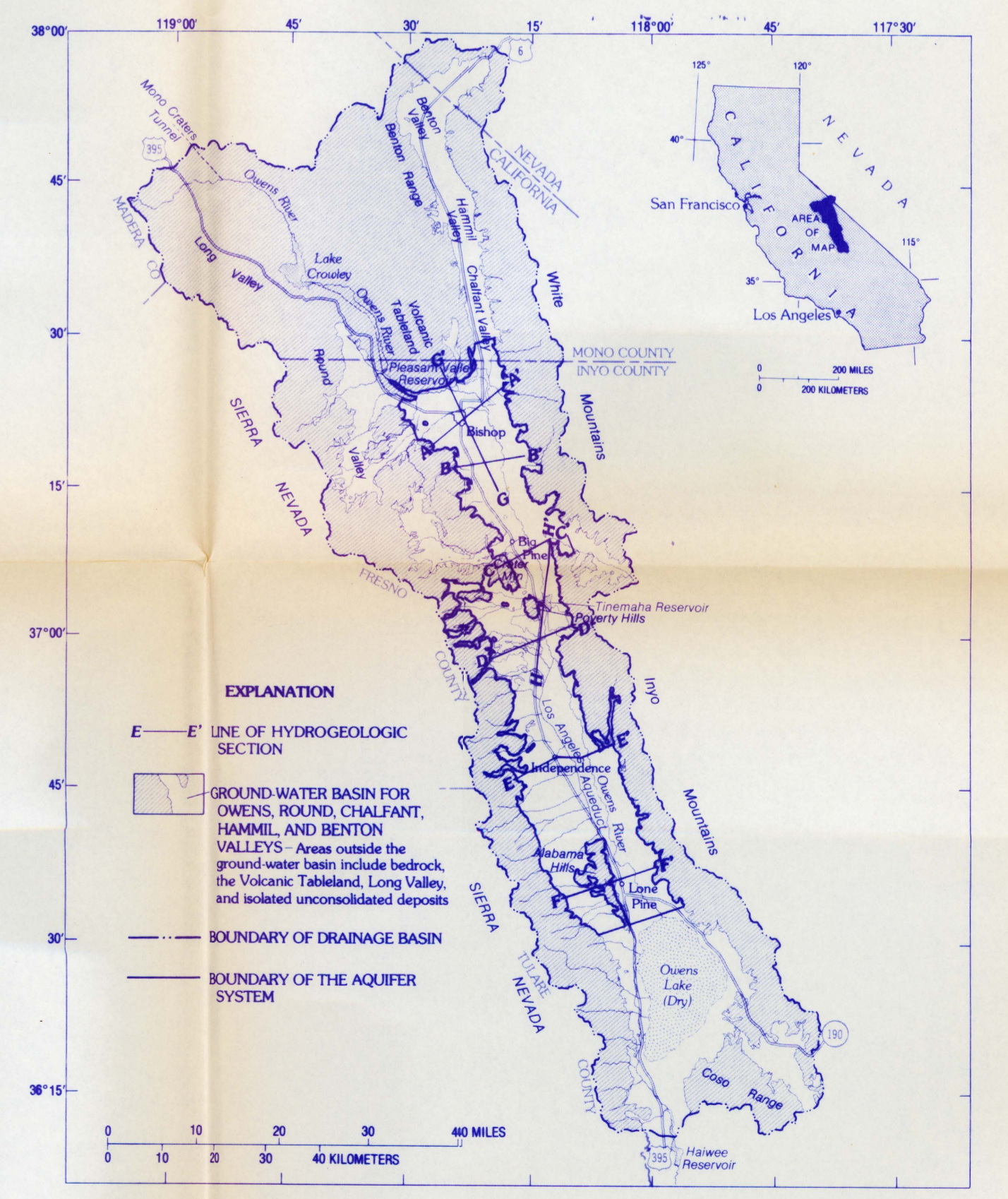
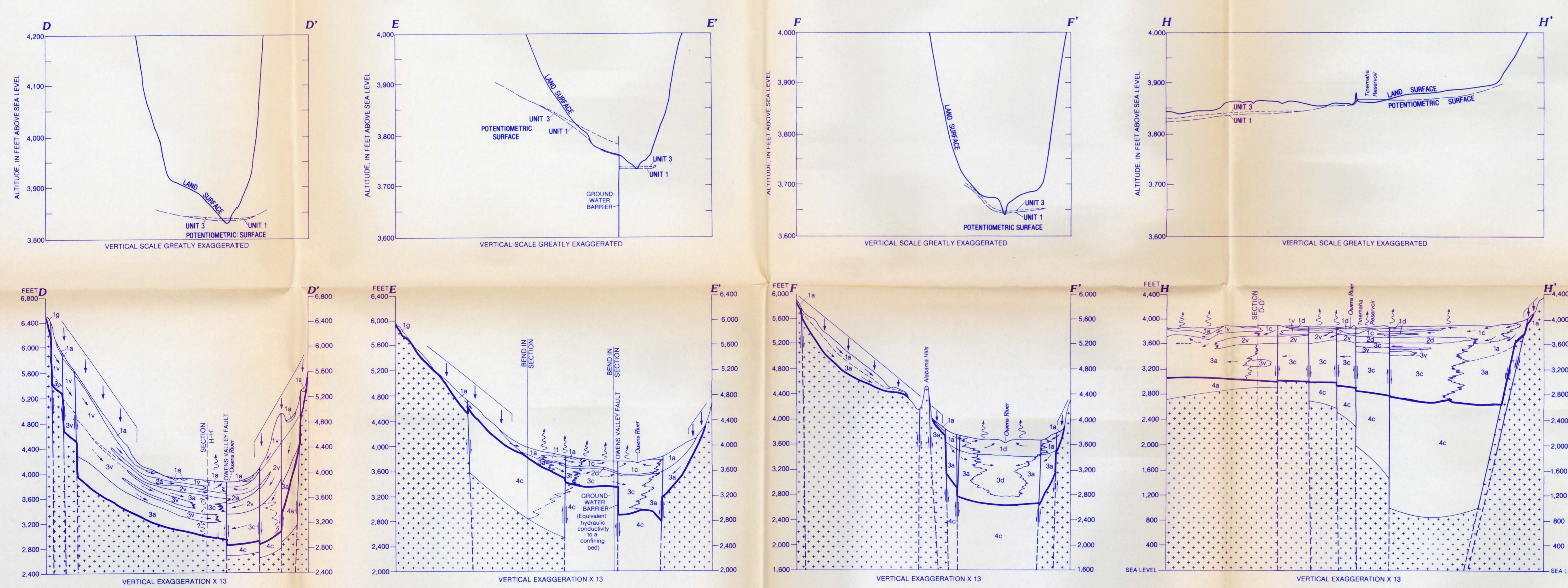
OUTFLOW DUE TO EVAPOTRANSPIRATION

LAND SURFACE—Altitude, in feet above sea level

POTENTIOMETRIC SURFACE IN UNIT 1—Shows altitude of measured water level in unit 1, in feet above sea level, spring 1984

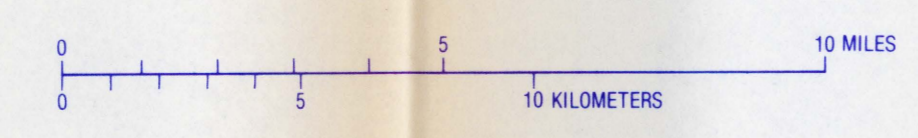
POTENTIOMETRIC SURFACE IN UNIT 3—Shows altitude of measured water level in unit 3, in feet above sea level, spring 1984

OWENS LAKE BASIN



EXPLANATION

- E—E' LINE OF HYDROGEOLOGIC SECTION
- GROUND-WATER BASIN FOR OWENS, ROUND, CHALFANT, HANFORD, AND BENTON VALLEYS—Areas outside the ground-water basin include bedrock, the Volcanic Tableland, Long Valley, and isolated unconsolidated deposits
- BOUNDARY OF DRAINAGE BASIN
- BOUNDARY OF THE AQUIFER SYSTEM



Hydrogeologic sections A-A' in Bishop; B-B' south of Bishop; C-C' near Big Pine; D-D' south of Tinemaha Reservoir; E-E' in Independence; F-F' in Lone Pine; G-G' south across Bishop; and H-H' southwest across Tinemaha Reservoir in Owens Valley, California