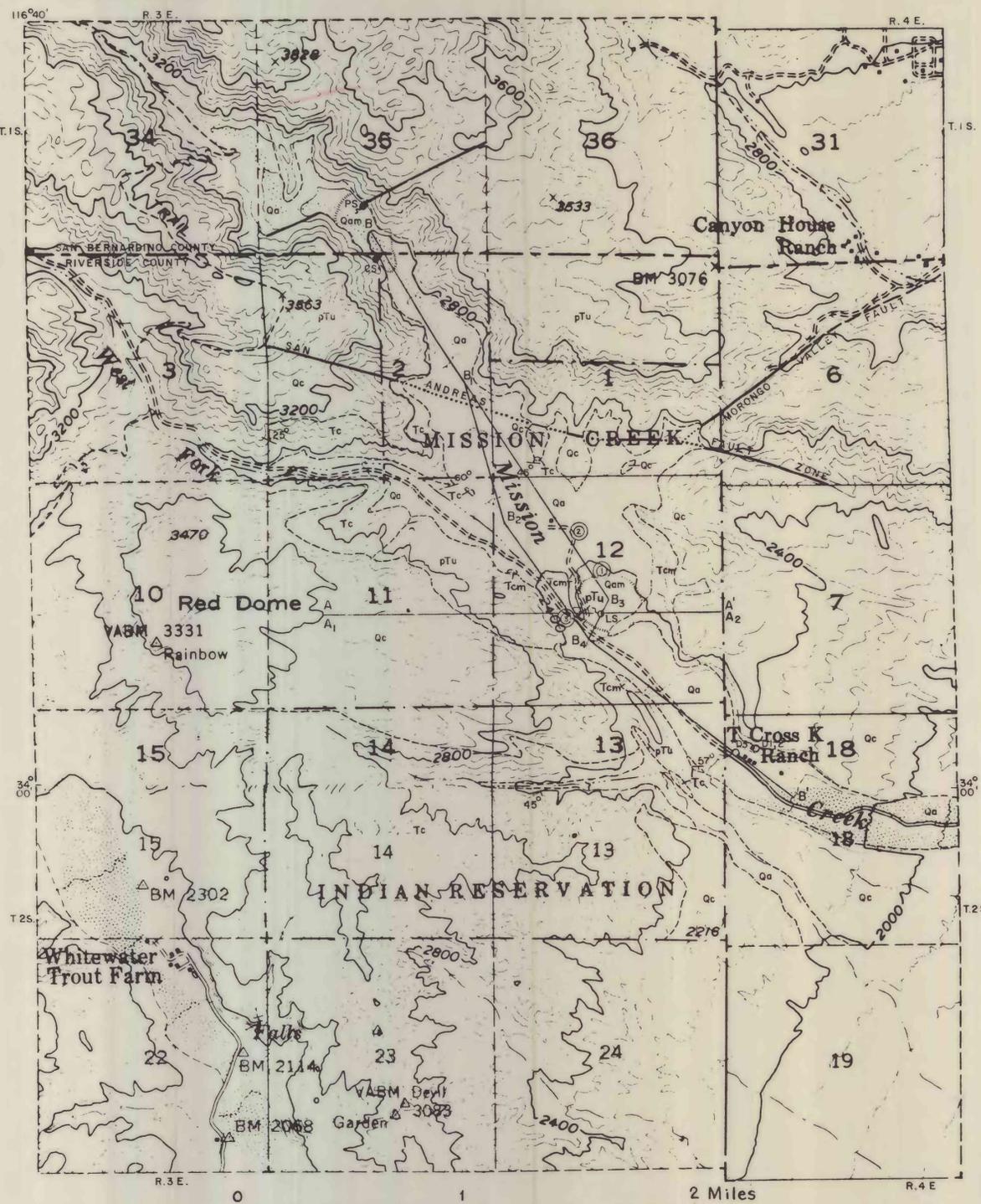


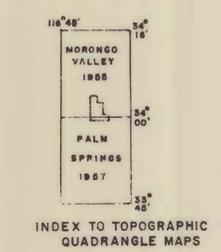
U.S. GEOLOGICAL SURVEY



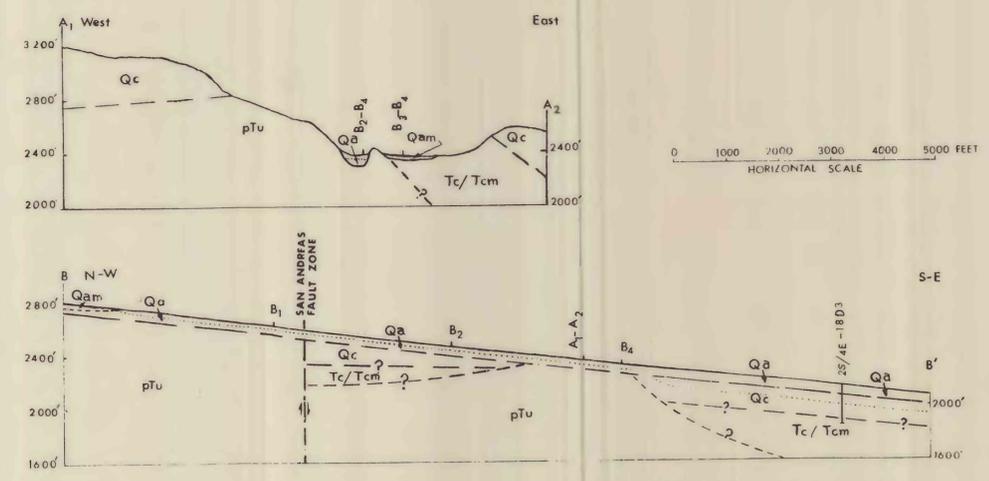
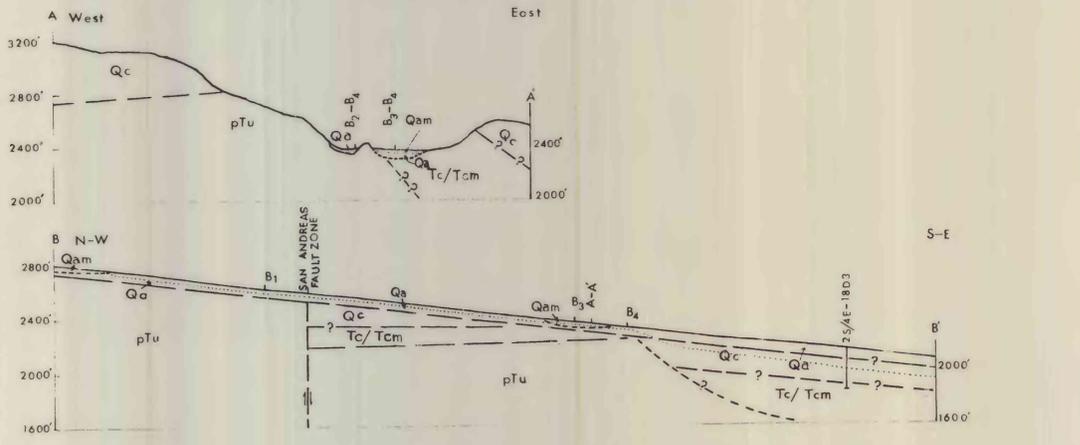
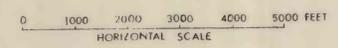
EXPLANATION

- UNCONSOLIDATED DEPOSITS**
- Recent**
    - Qa, marsh deposits
    - Qam, boulders, gravel, silt, and clay in stream channels and fans, poorly sorted; moderately permeable
  - Pleistocene**
    - Qc, Cabezon Conglomerate of Vaughan (1922) Moderately indurated, light-brown to red in color. Where saturated, probably is moderately permeable
- UNCONFORMITY**
- CONSOLIDATED ROCKS**
- Miocene**
    - Tc, Coachella Conglomerate of Vaughan (1922)
    - Tc, well-indurated, light-to dark-gray rocks; poorly permeable
    - Tcm, middle member; fractured basalt and gypsiferous tuff
  - PRE-TERTIARY**
    - pTu, Basement complex
    - Igneous and metamorphic rocks, undifferentiated; not water bearing, but may yield small amounts of water from fractures or residuum

- Geologic contact
- Fault (or map only)
- Dashed where inferred, dotted where concealed
- Fault (on sections only)
- Arrows show relative direction of movement
- Water table (on sections only)
- Strike and dip of beds
- Domestic or unused well
- Site for proposed test well
- Flowing spring
- Intermittent spring
- Marsh area
- Line of geologic section



See text for description of well-numbering system



MAP AND SECTIONS OF THE MISSION CREEK INDIAN RESERVATION AREA, CALIFORNIA  
SHOWING RECONNAISSANCE GEOLOGY AND LOCATION OF WELLS AND SPRINGS, 1963

Base from U.S. Geological Survey topographic maps, scale 1:62,500, 1963

Geology and hydrology compiled by F.W. Giessner, 1963, largely after published and unpublished mapping by F.E. Vaughan, T.W. Dibblee, Jr., and R.J. Proctor