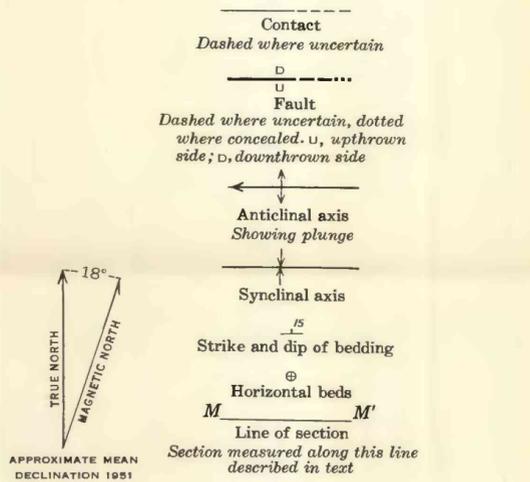


INDEX MAP

| EXPLANATION | | | |
|-----------------------------|------------------|---|---|
| Recent | | Stream-channel deposits Loose coarse sand and gravel along channel and flood plain of Putah Creek | |
| | | Younger alluvium Loose grayish-brown silt and fine-grained sand; some silty clay, medium- to coarse-grained sand, and gravel | |
| Pleistocene | | UNCONFORMITY Stream-terrace deposits Ill-sorted gravel, sand, and silt underlying high terraces along Putah Creek and smaller streams. Included in Tehama formation and related continental sediments (QTt on geologic map of Putah area, pl. 1) | |
| | | UNCONFORMITY Tehama formation Moderately compacted silt, clay, and silty fine sand enclosing lenses of sand and gravel, and silt and gravel; beds of reworked pumiceous tuff in lower part of section. Conglomerate beds cemented with calcium carbonate and well-exposed gravel beds shown as QTtc. Probably does not include any Red Bluff formation within the extent of the map, as explained in text | |
| | Pliocene | | Volcanic sedimentary rocks Siltstone, sandstone, shale, and conglomerate made up largely of andesitic detritus; white ash and basalt conglomerate in vicinity of Putnam Peak |
| | | | Basalt Dark dense basalt in vicinity of Putnam Peak |
| Oligocene(?) or Pliocene(?) | | UNCONFORMITY Undifferentiated sedimentary rocks Sandstone, siltstone, shale, and conglomerate of marine and lagoonal origin | |
| | Tertiary | | UNCONFORMITY(?) Undifferentiated rocks Most rocks within area shown are Forbes formation of Kirby (1943a) |
| Paleocene(?) and Eocene | | | |
| | Upper Cretaceous | | |



R. 2 W. 02'30"
Base from U. S. Geological Survey Mt Vaca and Allendale 7½ minute quadrangles, California. Broken land lines projected for reference only

122°00' R. 1 W.
Geology by F. H. Olmsted, E. F. Le Roux, G. F. Worts, Jr., P. R. Wood, and R. E. Evenson, 1950-51
INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C. M-3221

GEOLOGIC MAP OF THE NORTHERN PART OF THE ENGLISH HILLS, SOLANO COUNTY, CALIFORNIA

