

By

1991

Fault nomenclature follows the usage of Page (1970) for the San-Acuminato fault zone and Hall and Corbato (1967) for the East Husna fault [zone], which here is extended southward. The Suey fault (Jennings, 1958) is not shown as a thoroughgoing fault line (see Jennings, 1958, p. 100), and the same fault apparently does not extend southward near Aljezur. Canyon, a small fault, is shown in the area of the Aljezur fault, and is not applied for the following reasons: the trace of the "Colson" fault of Redwine (1981) north of Big Pine fault of Roehl, (1981) does not conform to the trace mapped by us; the fault is not a strike-slip fault, and the fault crosses other faults (1975) has no known relation to the Big Pine fault; and where the south fork crosses Tepusquet Canyon, the same trace is shown as the Suey fault by Jennings (1958).

Paleontologic data used in support of the mapping of the Tepusquet Canyon and Manzanita Mountain quadrangles were provided by several individuals. R.E. Arnold, responsible for the treatment of the Paleocene and Eocene faunas, was a paleobiologist of Miocene foraminifers, D.D. Jones and W.P. Elder furnished information on Late Cretaceous mollusks, and J.G. Vedder identified Miocene mollusks.

PERTINENT REFERENCES AND REFERENCES CITED

- [illegible]

SYMBOLS

Long dashes where approximately located; short dashes where inferred; intersonguing contacts diagrammatic

Fault trace
U, relatively upthrown side; D, relatively downthrown side; arrows, inferred direction of strike slip; bar and number indicate dip of fault plane; long dashes where approximately located; short dashes where inferred; dots where concealed

Anticline, approximate crestline
Short dashes, where inferred

Syncline, approximate troughline

Landslide area

Strike and dip of bedding
Solid symbol, measured on the ground; broken dip line, estimated from helicopter or distant sighting; broken dip and strike lines, estimated from aerial photographs

Strike and dip of overturned beds
Solid and broken symbols described above

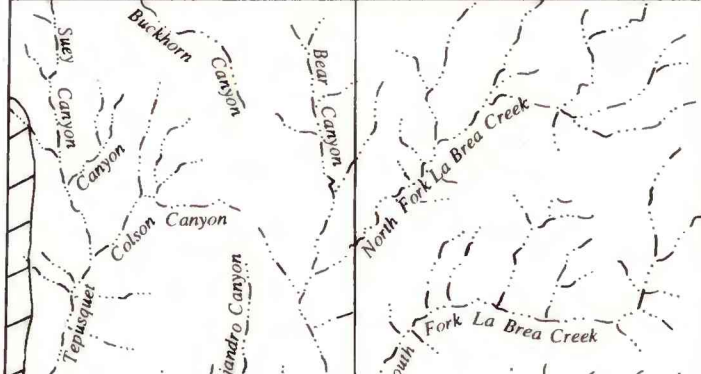
Strike of vertical beds
Solid and broken symbols described above


Horizontal or nearly horizontal beds
Solid and broken, somewhat disintegrated above

Apparent dip of beds

Generalized submarine-fan lithofacies of Walker and Mutti (1973)

INDEX TO GEOLOGIC MAPPING



- J.G. Vedder, D.G. Ho
R.G. Stanley and T.J.
-  C.A. Hall, Jr. (1978)

Geology mapped at intervals from 1979 to 1989 with assistance from J.M. Joyce in 1979 and C.E. J. D. King in 1982. The westernmost edge of Tepusquet quadrangle mapped by 1982, Hall, Jr. (1978) (See Index to Geologic Mapping). The northeastern corner of Manzmit Mtn. quadrangle modified from unpublished mapping by J.G. Vedder and R.D. Brown, Jr., 1967. Field check of Tepusquet Canyon quadrangle in 1990 by J.G. Vedder, H. McLean, and R.G. Stanley.

This map is preliminary and has not been reviewed for conformity with U.S. Geological Survey editorial standards or with the North American Stratigraphic Code. Any use of trade, firm, or product names is for descriptive purposes only and does not imply endorsement by the U.S. Government.