

DESCRIPTION OF MAP UNITS

Qal ALLUVIUM (HOLOCENE AND/OR PLEISTOCENE)--Unconsolidated gravel, sand, clay, and soil along rivers and streams; contains clay dikes in places

Qt ALLUVIUM (PLEISTOCENE)--Irregularly distributed gravel, sand, and clay

Tfoe FLEMING FORMATION, OAKVILLE SANDSTONE, AND CATAHOULA TUFF (MIOCENE)--Clay, pale-gray, buffaceous; sandstone, light-gray to white, calcareous; and tuff, light-gray to pink, calcareous, pisolitic(?) in places. Caliche soil on surface

Tc CATAHOULA TUFF (MIOCENE)

Tcsc Seledad Volcanic Conglomerate Member, coarse conglomerate facies--Conglomerate, clasts as much as 1 foot (30 cm) in diameter, are volcanic and of rhyolitic, andesitic, or trachyandesitic composition

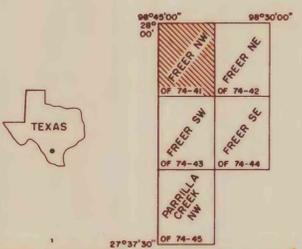
Tcs Seledad Volcanic Conglomerate Member--Conglomerate, mottled gray. Clasts are volcanic and of rhyolitic, andesitic, and trachyandesitic composition

Tcf Fann Tuff Member--Claystone, pale-olive and brown, silty; and sandstone containing varicolored grains interbedded in places with pale-brown laminae

Tf FRIO CLAY (OLIGOCENE)

— CONTACT--Approximately located in most areas because of soil cover

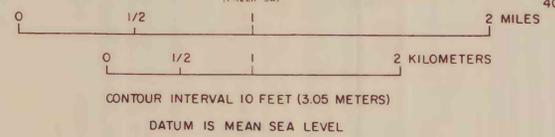
U
D FAULT--Approximately located in most areas because of soil cover; dotted where concealed. U, upthrown side; D, downthrown side



INDEX TO QUADRANGLE LOCATION (PATTERNED) AND DESIGNATION OF OPEN-FILE REPORTS

U.S. Geological Survey
OPEN FILE REPORT
This map is preliminary and has not been edited or reviewed for conformity with Geological Survey standards or nomenclature.

Base from U.S. Geological Survey unedited advance print



Geology by D. H. Eargle, assisted by W. L. Lindeman, 1963-70

PRELIMINARY GEOLOGIC MAP OF THE FREER NW QUADRANGLE, DUVAL COUNTY, TEXAS
By
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Compiled by Beth Ogden Davis
1974