Preliminary Photogeologic Map of Chiapas, Mexico and Adjacent Northwestern Guatemala Prepared from Seasat Radar Image

by

Lawrence C. Bowman

1982

Explaination

- Q Quaternary fluvial deposits
- KTa Lower Tertiary - Upper Cretaceous argilaceous, arenaceous, conglomeratic and calcareous rocks
- Kc Middle Cretaceous calcareous rocks

Lithologic boundary - dashed where uncertain
Bedding - Tick indicates direction of dip
Anticline-locates trace of axial zone, single arrow indicates plunge; double arrows indicate dip of strata
Syncline-locates trace of axial zone; single arrow indicates plunge; double arrows indicate dip of strata
Fault - ball and bar on downdropped side
Linear feature - probably fracture zone
Stream or lake boundary
International boundary

Note: Locations approximate due to geometric distortion in Seasat image, Seasat Synthetic Aperture Image used was acquired on 19 September 1978, with N70°E illumination direction. Image was digitally correlated by the Jet Propulsion Laboratory, Pasadena, California

References