



- Qa**  
Alluvium
- Qls**  
Landslide debris
- Qoa**  
Older alluvium
- UNCONFORMITY**
- QTt**  
Valley sediments  
(Locally derived gravel, sand, clay)
- QTt Tu lare Formation**  
UNCONFORMITY
- Te**  
Etchegin Formation  
(Marine sandstone and siltstone)
- UNCONFORMITY**
- Tmb**  
Belridge Diatomite Member
- Tmch**  
McLure Shale Member  
(siliceous shale, ch = chert)
- Tmd**  
Devilwater Shale Member  
(argillaceous shale)
- Tmg**  
Gould Shale Member  
(siliceous shale)
- Tib**  
Butterbed Sandstone Member
- Ttn**  
Medic Shale Member  
(clay shale)
- Ttc**  
Carneros Sandstone Member
- Tfn**  
Santos Shale Member  
(clay shale)
- Tta**  
Aqua Sandstone Member
- Ttw**  
Wygall Sandstone Member
- Tty**  
Cymric Shale Member  
(clay shale)
- Tts**  
Sandstone, undivided
- Tpr**  
Point of Rocks Sandstone (marine)  
(sh = clay shale)
- Tl**  
Lodo (?) Formation  
(clay shale; marine)
- Kp**  
Panoche Formation  
(clay, shale, and sandstone; marine)

- Contact; dashed where doubtful
- Anticline      Syncline
- Axis of fold, showing direction of plunge
- 30°      Inclined
- Vertical
- 70°      Overturned
- Strike and dip of strata
- Abandoned well drilled for oil or gas
- Fault
- Dashed where doubtful
- Dotted where concealed
- Arrows indicate horizontal movement



**GEOLOGIC MAP OF THE CARNEROS ROCKS QUADRANGLE, KERN COUNTY, CALIFORNIA**  
GEOLOGY BY T.W. DIBBLEE JR., 1977

This report is preliminary and has not been edited or reviewed for conformity with Geological Survey standards and nomenclature.