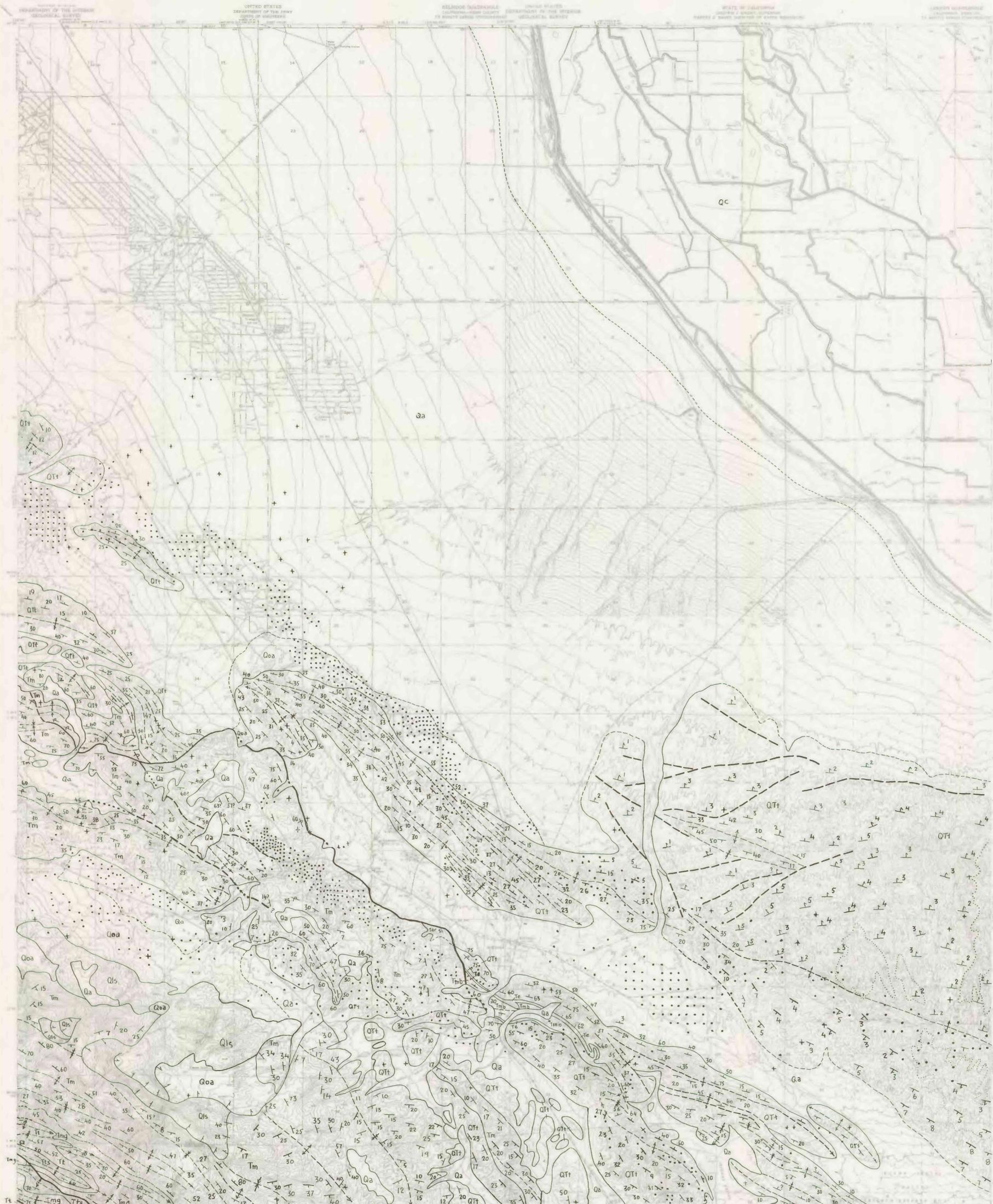


# U.S. GEOLOGICAL SURVEY OPEN FILE MAP

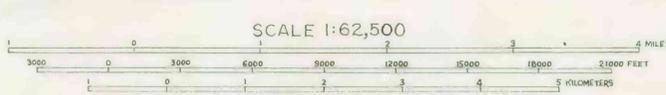


- |  |  |     |  |             |  |
|--|--|-----|--|-------------|--|
|  | Qa   | Qc  |  | Holocene    |  |
|  | Surficial sediments<br>Qa, alluvium (gravel & sand)<br>Qc, alluvial clay   |     |  | ?           |  |
|  | Qls  |     |  | QUATERNARY  |  |
|  | Landslide rubble<br>(shale detritus)   |     |  |             |  |
|  | Qoa  |     |  | Pleistocene |  |
|  | Older alluvium<br>UNCONFORMITY   |     |  |             |  |
|  | QTt  |     |  | ?           |  |
|  | Tulare Formation<br>(valley gravel, sand & clay)<br>UNCONFORMITY   |     |  |             |  |
|  | Te   |     |  | Pliocene    |  |
|  | Etchegoin Formation<br>(marine sandstone)<br>UNCONFORMITY  |     |  |             |  |
|  | Tmb  |     |  | Miocene     |  |
|  | Tm   |     |  | TERTIARY    |  |
|  | Tmg  |     |  |             |  |
|  | Monterey Shale<br>(marine shale)<br>Tmb, Belridge Diatomite<br>Member (Upper Miocene)<br>Tm, Mc Lure Shale Member<br>(silic. shale, Upper Miocene)<br>Tmg, Gould Shale Member<br>(silic. and sub-silic. shale<br>middle Miocene) |     |  |             |  |
|  | Tt   | Tts |  |             |  |
|  | Temblor Formation<br>(marine sandstone<br>lower Miocene)<br>Tt, clay shale<br>Tts, sandstone   |     |  |             |  |

- 1 —
- Slip plane of landslide  
(arrow indicates downward  
movement of landslide)
- 
- Contact  
Dashed where gradational  
or approximately located
- U  
-----  
D
- Fault  
Dashed where doubtful  
Dotted where concealed  
U, Upthrown side  
D, Downthrown side
- ↗ ↘      ↖ ↙
- Anticline      Syncline
- Axis of fold, showing  
direction of plunge
- ⊕
- Horizontal
- 30° ↘ 2
- Inclined
- X
- Vertical
- ↗ 70
- Overturned
- Strike and dip of strata
- ⊕
- Abandoned well  
drilled for oil or gas
- 
- Oil well

Geology mapped by T.W. Dibblee Jr, 1966-1967

## GEOLOGIC MAP OF THE "MC KITTRICK" QUADRANGLE, CALIFORNIA



This map is preliminary and has not been reviewed for conformity with U.S. Geological Survey standards and nomenclature.

BELLEDGE 1942-53	LOKERN 1931-34
REWARD 1930	WEST 1935-36

INDEX TO 7 1/2 MINUTE  
QUADRANGLE BASE  
MAPS, SCALE 1:24000