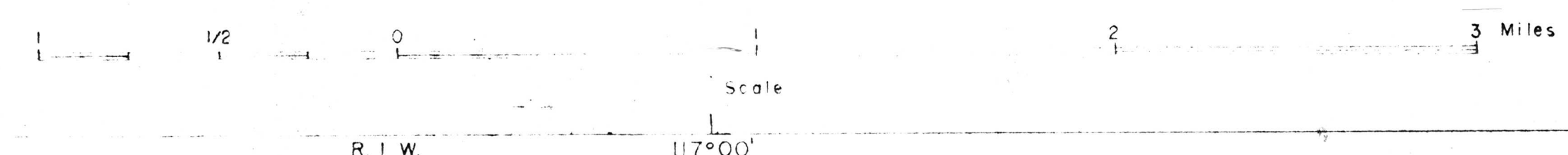


EXPLANATION

- Qrc**
River channel deposits
Unconsolidated coarse gravel, sand, and silt in major stream channels, highly permeable, largely unsaturated but transmits large seepage losses from streams to ground water
Local Unconformity
- Qyal**
younger alluvium
Unconsolidated boulders, gravel, sand and silt, highly permeable, yields water copiously to wells in Mill Creek basin
Local Unconformity
- Qdb**
Older plain and bench deposits
Unconsolidated gravel, sand, silt, and clay, largely unsaturated, but may yield water to wells in Mill Creek basin
- Qol**
Older alluvium
Unconsolidated gravel, sand, silt, and clay, yields some water to wells in Mill Creek basin, elsewhere principal water-bearing unit where younger alluvium is absent or unsaturated
Unconformity
- Qts**
San Timoteo beds of Frick (1921)
Semi-consolidated gravel, sand, silt, and clay, poorly to moderately permeable, where saturated yields small to moderate quantities of water to wells
Unconformity
- Tps**
Potato Sandstone of Vaughn (1922)
Consolidated interbedded sandstone, shale, conglomerate, tuff breccia, and limestone, locally contains a fossil flora, essentially non-water-bearing and not tapped by wells
Unconformity
- bc**
Basement complex
Consolidated igneous and metamorphic rocks of granite, quartz monzonite, dioritic gneiss, and mica schist, non-water-bearing, except for water in joints and fractures

- Small-capacity or unused well
- Dashed where approximately located, dotted where concealed, questioned where existence is doubtful
U, upthrown side, D, downthrown side
- Dry or destroyed well (1955)
- Well numbers indicate location as explained in text
- Strike and dip of beds
- Direction of movement of landslide debris
- Irrigation or public-supply well

GEOLOGIC MAP OF THE MILL CREEK AREA, CALIFORNIA



Base from U. S. Geological Survey topographic maps