

UNITS WEST
OF SAN ANDREAS
FAULT

- Qg** **Qa** **Qls**
Surficial deposits
Qg; gravel and sand
of stream channels
Qa; alluvium of
valleys
Qls; landslide debris
- UNCONFORMITY**
- Qoa**
Older alluvium
- UNCONFORMITY**
- Tsg**
Fanglomerate of
granitic detritus
- UNCONFORMITY**
- gr** **qd**
Granitic rocks
gr; light colored
granitic rocks,
primarily quartz
monzonite to
granodiorite
qd; medium gray
granitic rock,
primarily biotite-
rich quartz diorite
- ms** **ml**
Metasedimentary rocks
ms; mica-schist
ml; white limestone
or dolomite marble

Contact
dashed where gradational
or approximately located

Fault
dashed where inferred;
dotted where concealed;
querried where existence
doubtful;
double arrows indicate
strike-slip movement;
U - upthrown side
D - downthrown side
relatively

Anticline
axis of fold
arrow on axis indicates
direction of plunge

Syncline
axis of fold
arrow on axis indicates
direction of plunge

inclined
inclined (approximate)
vertical
overturned

Strike and dip of strata

sandstone bed

Abandoned test hole

UNITS NORTHEAST
OF SAN ANDREAS
FAULT

- Qg** **Qa** **Qls**
Surficial deposits
Qg; gravel and sand
of stream channels
Qa; alluvium
Qls; landslide debris
- UNCONFORMITY**
- Qoa₃**
Qoa₂
Qoa₁
Older alluvium
Qoa₃; lower (young-
est) terrace deposit
Qoa₂; intermediate
terrace deposit
Qoa₁; highest (oldest)
terrace deposit
- UNCONFORMITY**
- Qts**
Valley sediments
San Benito Gravels
of Wilson, (1943); or
Santa Clara Formation.
Pebbly gravel, sand,
and clay
- Tn** **Te**
Sedimentary rocks
Weakly indurated
sedimentary deposits
Tn; non marine greenish
clay; minor sands and
pebbly sands; Paicines
Formation of Kerr and
Schenck, (1925)
Te; Etchegoin Formation,
brackish or marine
light brown sand-
stone
- UNCONFORMITY**
- Tlm** **Tls**
Los Muertos Creek
Formation of Wilson,
(1943)
Marine; Narizian and
Ulatian Stages,
upper and middle
Eocene (Kleinpell and
others, 1967)
Tlm; clay shale
Tls; semi-siliceous
shale
- Ttp**
Tres Pinos Sandstone
of Wilson, (1943)
Marine thick-bedded
arkosic sandstone;
middle (?) Eocene
- Tss**
Marine sandstone, unnamed
- Kps** **Kp**
Panoche Formation
Kps; marine sandstone,
some micaceous shale
Kp; marine clay shale

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



PRELIMINARY GEOLOGIC MAP OF THE PAICINES QUADRANGLE, SAN BENITO AND MONTEREY COUNTIES, CALIFORNIA

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