

**NOTE TO USERS:**  
Lineaments shown on this map are not necessarily fault-traces, nor are they necessarily fault-related. This map provides geologic data based on field reconnaissance, interpretation of aerial photographs, and review of published and unpublished geologic reports and maps. It is not intended as a substitute for detailed, site-specific geotechnical or geologic investigations. This map is not intended for planning purposes.

Where specific geologic features are shown on this map, geologic criteria were found to support their existence. However, absence of appropriate symbols (e.g. landslides, faults, etc.) from any part of this map may not be used to prove the absence of those features.

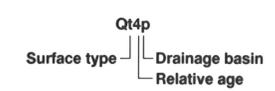


Scale 1:24,000

**GEOMORPHIC SURFACES**

Permanente Creek	Stevens Creek	Regnart Creek	Calabazas Creek	Saratoga Creek	San Thomas de Aquinas Creek	Los Gatos Creek
Qf4p	Qf5s Qf4s		Qf5c Qf4c	Qf5st Qf4st	Qf5a Qf4a	Qf5g Qf4g
Qf2p Qf1p	Qf2s Qf1s	Qf2r Qf1r	Qf2c Qf1c	Qf2st Qf1st	Qf2a Qf1a	Qf2g Qf1g
Qfu Qp	Qfu	Qfu	Qfu	Qfu	Qfu Qp	Qfu Qp

**KEY**



- SURFACE TYPE**
- f p active floodplain
  - t fluvial terrace
  - f alluvial fan
  - lv levee
  - p pediment developed on QTsc

- RELATIVE AGE**
- u undifferentiated
  - 5 youngest
  - 4
  - 3
  - 2
  - 1 oldest

- DRAINAGE BASIN**
- p Permanente Creek
  - s Stevens Creek
  - r Regnart Creek
  - c Calabazas Creek
  - st Saratoga Creek
  - a Aquinas Creek
  - lg Los Gatos Creek
  - rs Ross Creek

- LINEAMENTS**
- v vegetation
  - s saddle
  - sc scarp
  - t tonal
  - fct faceted spur
  - cd closed depression
  - ld linear depression
  - lf linear front

- SURFICIAL DEPOSITS/BEDROCK**
- Qls Landslide deposits
  - Qal Undifferentiated stream alluvium
  - Qlv Levee deposits
  - QTsc Santa Clara gravel (this study; Sorg and McLaughlin, 1975)
  - pQ Undifferentiated bedrock (after Sorg and McLaughlin, 1975)

- SYMBOLS**
- Undifferentiated colluvial slope
  - Internal unit boundary

Research supported by the U.S. Geological Survey (USGS), Department of the Interior, under USGS award number 1434-92-G-2220. The views and conclusions contained in this document are those of the authors and should not be interpreted as necessarily representing the official policies, either expressed or implied, of the U. S. Government.

**PRELIMINARY MAP OF SURFICIAL DEPOSITS AND GEOMORPHIC SURFACES ALONG THE NORTHEASTERN MARGIN OF THE SANTA CRUZ MOUNTAINS, CALIFORNIA**

PLATE 2 USGS National Earthquake Hazards Reduction Program  
Northeastern Margin of the Southern Santa Cruz Mountains

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Base map from U.S. Geological Survey 1:24,000 Los Gatos, 1953; San Jose West, 1961; Cupertino, 1961; Castle Rock Ridge, 1955. All material photorevised in 1980.