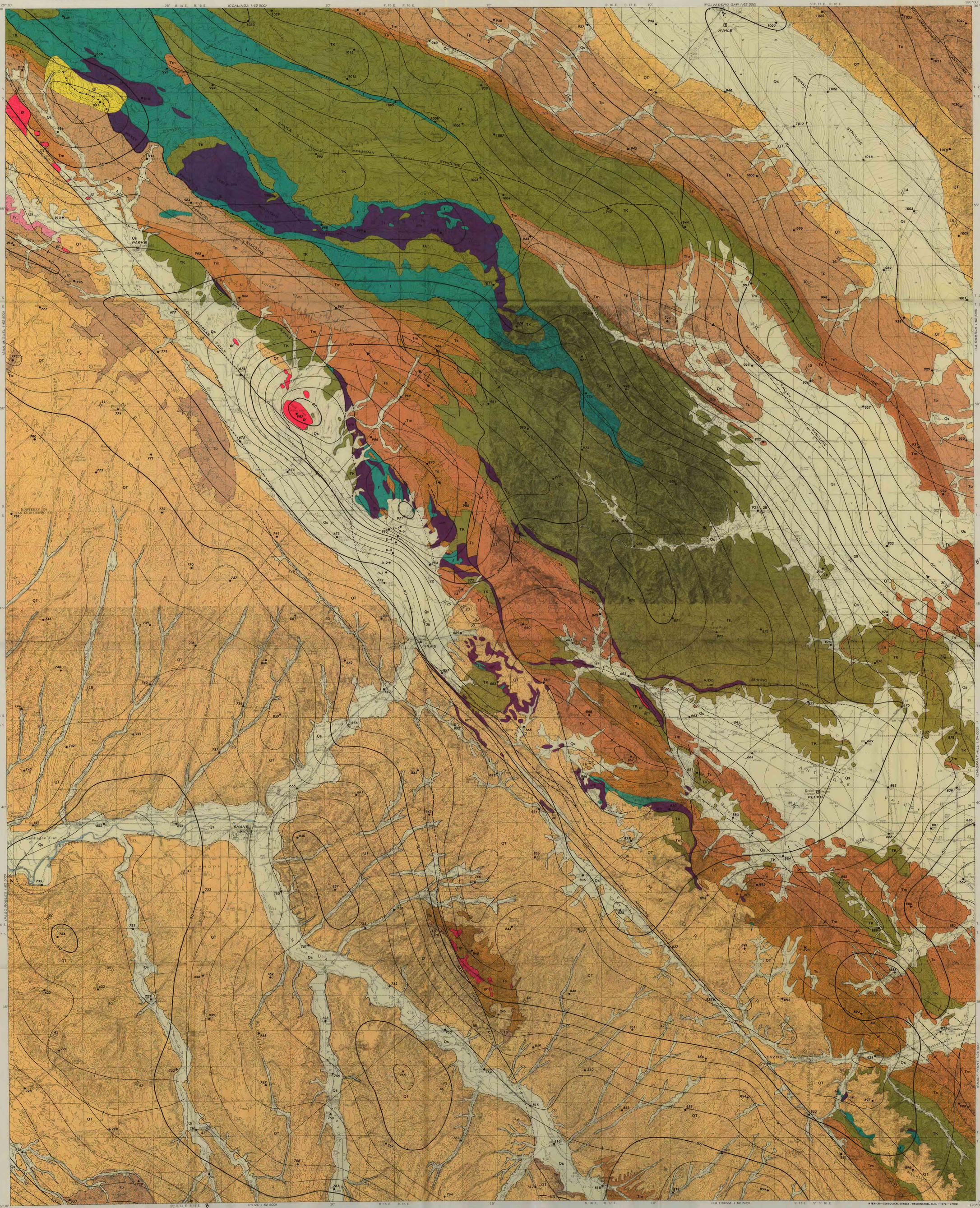

EXPLANATION

POST-FRANCISCAN SEDIMENTARY AND VOLCANIC ROCKS

Pleistocene and Holocene	Qs	Surficial deposits	QUATERNARY
	Ql	Landslide deposits	
Pliocene and Pleistocene	QT	Paso Robles and Tulare Formations *Mainly valley deposits*	TERTIARY AND QUATERNARY
Miocene and Pliocene	Tp	Sedimentary rocks	TERTIARY
Miocene	Tm	Monterey Shale	
	Ts	Sedimentary rocks	
Oligocene	Tv	Volcanic rocks	
Cretaceous and Eocene	TK	Miogeosynclinal rocks	CRETACEOUS AND TERTIARY
	gr	Plutonic and metamorphic rocks	CRETACEOUS AND OLDER
	f	Franciscan rocks	JURASSIC AND CRETACEOUS
	um	Ultramafic rocks *Largely serpentinite*	

Contact
Dashed where approximately located; short dashed where gradational or inferred; dotted where concealed

Fault
Dashed where approximately located; short dashed where inferred; dotted where concealed. Arrows indicate relative horizontal movement

Thrust fault
Dashed where approximately located; dotted where concealed. Sawteeth on upper plate

Anticline
Showing crestline and direction of plunge. Dashed where approximately located

Syncline
Showing troughline and direction of plunge. Dashed where approximately located

Bouguer gravity contours
Hachures indicate closed areas of lower gravity. Contour interval 2 milligals

Terrain corrections made to a distance of 166.7 km, using a standard density of 2.67 g/cm³.

Gravity station
Numbered or lettered stations refer to table 2

Gravity base station and designation
See table 1

Drill hole or exploratory well
Number refers to table 3

Base from U.S. Geological Survey
Parkfield, Shandon, and Orchard Peak 1:62,500, 1961;
Garza Peak, Kettleman Plain and Pyramid Hills
1:24,000, 1953; Tent Hills 1:24,000, 1942

SCALE 1:62 500

1 ½ 0 1 2 3 4 MILES

1 .5 0 1 2 3 4 KILOMETERS

CONTOUR INTERVALS 25, 40 AND 80 FEET

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D.C.—1972—G71021

Geology compiled by T. W. Dibblee, Jr., 1968–69
Drill hole data compiled by H. C. Wagner