

# ABBREVIATED EXPLANATION

Approximate stratigraphic relationships only; see Map Explanation (Plate 2) for more detailed information

Holocene	<b>Q</b> Alluvium	<b>Qg</b> Stream gravel	<b>Qfl</b> Flood plain deposits	<b>Qb</b> Basin deposits
	<b>af</b> Artificial fill	<b>Qs</b> Sand		<b>Qp</b> Patterson Alluvium
	<b>Qe</b> Eolian sand	<b>Qd</b> Dune sand	<b>Qcf</b> Canyon Fill (offshore)	
	<b>Qo</b> Older alluvium	<b>Qls</b> Landslide deposits	<b>Qms</b> Marine sediments	<b>Qsl</b> San Luis Alluvium
	<b>Qt</b> Terrace deposits	<b>Qod</b> Older Dune Sand	<b>Qocf</b> Older canyon fill (offshore)	<b>Qlb</b> Los Banos Alluvium
Pleistocene	<b>Qmt</b> Marine terrace deposits		<b>Qrb</b> Relict beach deposits (offshore)	
	<b>Qf</b> Alluvial fan deposits	<b>Qtw</b> Terrace deposits of Watsonville terrace	<b>Qct</b> Submarine canyon terrace	
	<b>Qfa</b> Fan deposits of Antioch			
	<b>Qfc</b> Fan deposits of Chular			
	<b>Qfp</b> Fan deposits of Placentia			
	<b>Qfg</b> Fan deposits of Gloria			
	<b>Qar</b> Aromas Sand (undivided)			
	<b>Qae</b> Eolian facies			
	<b>Qaf</b> Fluvial facies			
	Pliocene	<b>QT</b> Plio-Pleistocene continental deposits	<b>QTf</b> Plio-Pleistocene fluvial deposits	<b>QTI</b> Plio-Pleistocene lacustrine deposits
<b>Puc</b> Unnamed Pliocene continental mudstone		<b>Pus</b> Unnamed Pliocene Continental sandstone		
<b>Ppu</b> Purisima Formation		<b>Ppr</b> Pancho Rico Formation	<b>Pv</b> Pliocene Basaltic rocks (Coyote Volcanics)	
<b>Mpe</b> Etchegoin Formation				
Miocene	<b>Msc</b> Santa Cruz Mudstone	<b>Mv</b> Unamed Miocene volcanic rocks	<b>Mvq</b> <b>Mvqa</b> <b>Mvqb</b> <b>Mvqd</b> <b>Mvqr</b> Miqa Miqb Miqd Miqr	
	<b>Msm</b> Santa Margarita Sandstone (Mv-Basalt interbed)	<b>Msu</b> Unnamed Miocene sedimentary rocks	<b>QUIEN SABE VOLCANICS</b> Mvqa - Andesitic flows and breccia Mvqb - Basaltic flows and breccia Mvqd - Dacite flows Mvqr - Rhyolite flows	
	<b>Mmy</b> Monterey Formation	<b>Msh</b> Organic mudstone		<b>Tv</b> Tertiary volcanic rocks
	<b>Mlo</b> Lompico Sandstone	<b>Mte</b> Temblor		Tva - Andesite Tvb - Basalt
	<b>Mus</b> Unamed Miocene sandstone	<b>Mlt</b> Lone Tree Fm.		
Oligocene	<b>Φrb</b> Red beds		<b>Φpv</b> Pinnacles volcanic formation	
	<b>Φvq</b> Vaqueros Sandstone		<b>Φvc</b> Carmeloite of Lawson	
	<b>EΦsj</b> San Juan Bautista Formation			
	<b>Ebu</b> Unnamed Eocene sedimentary rocks			
Paleocene-Eocene	<b>Ec</b> Carmelo Formation			
	<b>Elm</b> Los Muertos Formation		<b>Ek</b> Kreyenhagen Formation	
	<b>Etp</b> Tres Pinos Sandstone		<b>Ed</b> Domengine Sandstone	
	<b>Ess</b> Arkosic sandstone		<b>Elc</b> Cantua Sandstone	
	<b>PEu</b> Paleocene-Eocene sedimentary rock			
	<b>TKu</b> Tertiary-Cretaceous sedimentary rock			
Cretaceous	<b>Ku</b> Upper Cretaceous sedimentary rocks	<b>Kp</b> Panoche Formation	<b>Kgr</b> Granitic rocks	
	<b>KJf</b> Franciscan Complex part of KJf is melange (KJfm)	<b>Kps</b> Sandstone	<b>Kqm</b> Quartz monzonite	
	<b>cg</b> Conglomerate	<b>Kpc</b> Conglomerate	<b>Kqd</b> Quartz diorite	
	<b>ss</b> Sandstone		<b>Kgd</b> Granodiorite	
	<b>ch</b> Chert	<b>KJu</b> Jurassic-Cretaceous sedimentary rocks		
	<b>gs</b> Greenstone			
	<b>um</b> Serpentinite ultramafic rock			
	<b>bs</b> Blueschist and semischist			
	<b>ls</b> Limestone			
	<b>gb</b> Gabbro			
Jurassic	<b>Jhg</b> Gabbro of Logan quarry			
	<b>PzMz</b> Prebatholithic metasedimentary rocks Pzls - Carbonate rocks			
		<b>Jpb</b> Breccia		
		<b>Jv</b> Volcanic rocks (greenstone)		
	<b>Jgb</b> Gabbro			
	<b>um</b> Serpentinized ultramafic rock			
		<b>msc</b> Schist of Sierra de Salinas		

## SYMBOLS

	Contact; solid where well located; dashed where approximately located or inferred; dotted where concealed; queried where uncertain.
	Fault; solid where certainly located; dashed where approximately located or inferred; dotted where concealed; queried where existence or continuation is uncertain. Arrows show direction of dip when known.
	Thrust fault; barbs on upper plate; solid where certainly located; dashed where approximately located or inferred; dotted where concealed; queried where existence or continuation is uncertain. Arrow indicates direction of dip when known.
	Anticlinal fold; solid where certainly located; dashed where inferred; dotted where concealed, queried where existence or continuation is uncertain.
	Synclinal fold; solid where certainly located; dashed where inferred; dotted where concealed, queried where existence or continuation is uncertain.
	Strike and dip of stratified rocks. Number indicates dip angle in degrees when known.
	Vertical beds
	Overturned beds
	Horizontal beds
	Strike and dip of foliations
	Arrows on landslides indicate direction of movement.