

EXPLANATION Description of Units

QUATERNARY AND TERTIARY OVERLAP DEPOSITS

Qal	Alluvial deposits (Holocene and late Pleistocene)
Qbv	Battery Formation (Blue sandstone interbedded with clay - late Pleistocene)
Qla	Landslide deposits (Holocene and Pleistocene)
Qm	Undeformed marine shoreline and aeolian deposits (Holocene and Pleistocene)
Qt	Undifferentiated nonmarine terrace deposits (Holocene and Pleistocene)
Qte	Coastal Plane Sediments (Pliocene and Miocene? - from Hardin, may correspond to Qtw below)
Qtw	Marine and nonmarine overlap deposits (late Pleistocene to middle Miocene - from McLaughlin)
Mwl	Wimer Formation (marine siltstone sandstone and conglomerate - early to mid Miocene - from Wagner and Saucedo)
Tg	Tertiary gravels (from Wagner and Saucedo)
Ti	Tertiary intrusive rocks (volcanic rocks of Fickel Hill, Coyote Peak diatreme - Oligocene)

COAST RANGES PROVINCE

KJF FRANCISCAN COMPLEX

Coastal Belt

Coastal terrane (Pliocene to late cretaceous)

<i>Unnamed melange</i>		<i>Unnamed other units</i>		
so1	Melange (dominantly argillite)	cob	Basaltic Rocks (late cretaceous)	
so2	Melange (subequal sandstone and argillite)	col	Limestone (late cretaceous)	
<i>Unnamed sandstone and argillite</i>		un	Undivided blueschist	
so3	Broken sandstone and argillite	<i>Yager terrane (Eocene to Paleocene?)</i>		
			sh	Sheared and highly folded mudstone

Central Belt

KJsc	Sandstone and melange of Snow Camp Mountain (designation of unit from Hardin (Central Belt) may correspond to cb1 and cb2 from McLaughlin - listed in adjacent right column)	mm	Melange (predominantly meta-argillite)
KJfs	Franciscan sandstone (from Wagner and Saucedo may correspond to cb3 and cb4 from McLaughlin)	sm2	Melange (subequal meta-sandstone, meta-argillite)
KJfr	Schist of Redwood Creek		
KJh	Coherent unit of Lacks Creek (coherent sandstone and interbedded sandstone and mudstone, massive sandstone beds common - from Hardin)		
KJc	Incoherent unit of Coyote Creek (less common massive sandstone beds, lower sandstone:mudstone ratio than the coherent unit - from Hardin)		
<i>Unnamed Franciscan meta-sandstone and meta-argillite</i>			
KJmg	Meta-greywacke	cb1	Broken formation (meta-sandstone and meta-argillite)
		cb2	Broken formation (meta-sandstone)
KJg	Metamorphosed sandstone and mudstone of the Grogan Fault Zone (from Hardin)	<i>Unnamed other units</i>	
		mc	Meta-chert
		mb	Melange block, lithology unknown
		br	Basaltic rocks
KJgs	Franciscan greenstone (from Wagner and Saucedo may correspond to gs from McLaughlin)		
KJf	South Fork Mountain Schist		

Eastern Belt

		sp	Undivided serpentinitized, peridotitic
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KLAMATH MOUNTAIN PROVINCE

Western Jurassic Belt Smith River subterrane

Jg	Galice? Formation (phyllitic argillite greywacke stretched pebble conglomerate)
ms	Undivided pre-Cretaceous metasedimentary rocks

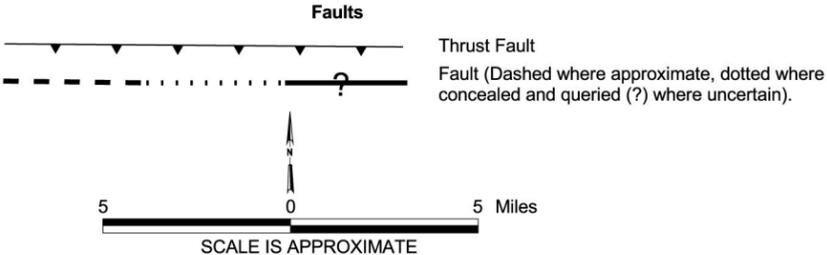
Josephine Ophiolite

Jv	Volcanic rocks (pillow lava and breccia)
Jgd	Gabbro, diorite and related rocks
Jum	Ultramafic rocks (partially to completely serpentinitized peridotite, locally includes mafic rocks)

Western Paleozoic and Triassic Belt

Mzgb	Ultramafic gabbroic rock
MzPa	Metasedimentary rocks (argillite, phyllite, conglomerate, breccia chert, some volcanoclastic rocks)
ms	
MzPa	
mvs	Volcanoclastic sediments, mixed volcanic and metasedimentary rocks

- #### Base Map Features
- ▭ Hydrographic Planning Areas
 - City
 - ▬ Major Roads
 - - - County Line
 - ▬ Rivers
 - ▭ Green Diamond Ownership
 - ▬ Contours (200 foot Intervals)



**Figure 3.2-1
Geology of the Green Diamond
Hydrographic Planning
Areas (Page 2 of 3)**