	Strata of younger Precambrian age		Strata of Middle and Late Cambrian age	
	Quartzite member of Troy	Chediski sandstone member of Troy	Quartzites of Bolsa and Abrigo formations	Sandstones of Bolsa and Abrigo formations
	At top of Troy. If remnant, this member	Basal part of Troy; generally comprises	Bolsa quartzite at base of Cambrian section.	Bolsa gradational up into Abrigo by increase
Position in	is ordinarily in contact with Bolsa	most and in places all of Troy where	Like quartzites approximately in mid-	in thin shaly sandstone and micaceous
sequence	quartzite.	Cambrian strata are overlying.	section of Abrigo are separated from	sandstone beds. Like sandstones underlie
			Bolsa by shaly-parting sandstones.	and overlie quartzites of Abrigo.
	Well-sorted clean quartzite, practically	Very poorly sorted pebbly sandstone of well-	Medium- to coarse-grained, moderately well	Fine-grained, finely micaceous sandstone or
	free of feldspar and pebbles. Basal	rounded, minutely pitted (frosted) quartz	to poorly sorted "gritty" quartzite.	sandy mudstone constitute much of Abrigo.
Lithology	unit coarse-grained; rest mostly	grains in sericite-clay matrix. Weakly	Granules and small pebbles abundant in	Dolomite cement rare except in part of
	medium-grained.	to firmly cemented. Coarse feldspar	some sections of Bolsa, which has	region south of Aravaipa Creek. Coarser
		grains may be conspicuous. Locally	conspicuous basal conglomerate.	sandstones texturally somewhat like Bolsa
		includes coarse muscovite.		may be feldspathic and friable.
	Tabular beds thin to thick; cross-	Irregularily bedded; tops of many beds	In tabular beds generally 1-4 ft thick.	Thinly and somewhat irregularily bedded.
	stratification may not be conspicuous	channeled and marked by scattered pebbles	Partings between beds etch out much	Shaly partings common.
Bedding and	and is not diagnostic to distinguish	or thin layers or lense's of conglomerate.	more conspicuously than those of Troy.	
related features	Troy from Bolsa.	Slump structures common in middle part of		
		mest sections. Uppermost beds cross-		
		stratified on large scale. Where quartzitic		
		the bedding structures are obscure.		
	Light-colored. Generally pinkish gray	Variable. Mostly yellowish gray or light	Light-colored like Troy quartzite, but	Most fine-grained strata are pale yellowish
	to light gray; may be light brownish	brownish gray, but includes beds or units	everywhere conspicuously stained	brown to reddish brown and rusty-weathering.
Color	gray to medium gray.	of medium dark gray in some areas. Locally	reddish brown on weathered surfaces.	But in some areas several units are
		pale to grayish red. Outcrops not limonite-		yellowish gray to dark greenish gray.
		stained except where locally of quartzite-		Coarser samistones tend to be lighter
		and of colors like quartzite member.		colors.
	None.	None.	Scolithus sparse to abundant in upper	Small worm casts and phosphatic brachiopods
			part of Bolsa, and in many places	sparse in some sections, abundant in others.
Fossils			characterize quartzites of Abrigo.	Fucoidal markings of larger scale
			Phosphatic linguloid brachiopods	occasionally seen in greenish gray or
			abundant in transition zone between	coarser grained sandstones. Trilobite
			Bolsa and Abrigo.	fragments too rare to be diagnostic part
				of lithology.
	Generally more vitreous and massive-	Where quartzitic is distinguished by	In some areas, but not generally in	Fine-grained sandstones and finely micaceous
	cropping than Cambrian quartzites.	massive outcrops, poor sorting,	area where overlies Troy, Bolsa is	sandstones have no counterparts in Troy.
Remarks		pebble content, and sparse coarse	vitreous and massive-cropping.	
		grains of orange-pink feldspar.		

^{1/} These descriptions apply only to part of region where Bolsa and Abrigo formations overlie Troy quartzite.