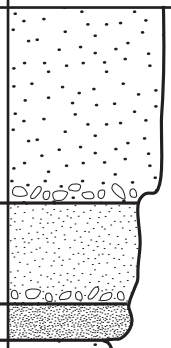
Age	Formation	Lithology	Paleontologic Analysis
Miocene	Briones Sandstone (Tbr) - sandstone, siltstone, conglomerate, and shell breccia		AGE: late middle to late Miocene , Mohnian Stage (Schmidt, 1958)
	Sobrante Sandstone (Ts) - Gray to brown, fine-grained to medium-grained sandstone and minor conglomerate (Graymer and others, 1994a)		
	San Ramon Formation (Tsr) - Bluish-gray to brown, medium-grained sandstone with minor conglomerate locally present in basal part (Graymer and others, 1994)		No data
Eocene	Escobar Sandstone (Tes) - Massive, medium- to coarse-grained, brown sandstone with shale in basal part. Locally divided into two members: a sandstone and shale member (Tehs) and a basal shale member (The) (Weaver, 1953; Graymer and others, 1994a). Also includes the Alhambra Formation of some authors.		No data
	Muir Sandstone (Tmr) - Massive, yellow-weathering arkosic sandstone. Locally, divided into: upper member of sandstone, lithologically similar to unit Tmr (Tmru) and a lower member of claystone with thin sandstone in basal part (Tmrl) (Weaver, 1953; Graymer and others, 1994a)		AGE: middle Eocene, Ulatisian Stage coeval with planktic foraminiferal zones P10-P11; calcareous nannofossil zone CP13 (Bukry and others, 1977; Poore, 1978) ECOLOGY: lower middle bathyal (1,500-2,000 m)
	Las Juntas Shale (Tlj) - Gray shale with minor siltstone. Locally divided into the upper shale member (Tlju) and lower sandstone member (Tljl) (Weaver, 1953; Graymer and others, 1994a)		AGE: early to middle Eocene, Penutian and early Ulatisian Stages coeval with planktic foraminiferal zones P8 and P9; calcareous nannofossil zones CP10 and CP12 (Bukry and others, 1977; Poore, 1978) ECOLOGY: lower bathyal depths (2,000-4,000 m)
Paleocene	Vine Hill Sandstone (Tvh) - Glauconitic sandstone locally divided into an upper member of sandstone and shale (Tvhu), and a lower glauconitic sandstone member (Tvhl) (Weaver, 1953; Graymer and others, 1994a)		AGE: late Paleocene, Ynezian Stage coeval with planktic foraminiferal zone P4; calcareous nannofossil zone CP7 (Poore, 1978; Bukry and others, 1977) ECOLOGY: middle bathyal depths (500-2,000 m)
C	Great Valley sequence		