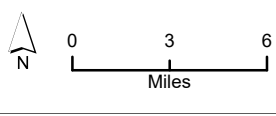


Legend

- Plan Area
- Areas of Additional Analysis
- Conveyance Construction Footprint**
- Proposed Project Alignment
- Approved Project Alignment



Geologic Units with Potential to Contain Fossils

Regional Geologic Map Units	Detailed Geologic Map Units
Q Alluvium—Holocene	Qds Dredge soils—post 1900
Qf Alluvial fan deposits—Holocene	Qpm Peat and muck—Holocene
Qb Basin deposits—Holocene	Alluvium of Supratidal Floodplains—Holocene
Qi Intertidal deposits—Holocene	Qb, Qfp, Qi Alluvial floodbasin deposits, Alluvial floodplain deposits, Natural levee deposits
Qdp Dos Palos Alluvium—Holocene	Eolian Deposits—Pleistocene
Qo Older alluvium—Holocene	Qoe Older eolian deposits
Qmz Montezuma Formation—Pleistocene	Qmz Montezuma Formation
Pt Tehama Foundation—Pliocene	Qe, Qm2e Eolian deposits, undivided and upper member of Modesto Formation
Emk Markley Sandstone—Eocene	Alluvial Fans from Glaciated Basins—Pleistocene
En Nortonville Shale—Eocene	Qr, Qry, Qro Riverbank Formation, younger and older Modesto Formation
Ec Capay Formation—Eocene	Alluvial Fans and Terraces from Unglaciated Drainage Basins—Holocene and Pleistocene
Pmz Martinez Formation—Paleocene	Qya, Qia, Qoa Youngest, intermediate, and oldest alluvium of Antioch and vicinity
Kju Upper Jurassic—Lower Cretaceous	Qcr Alluvium of Calaveras River
	Qymc, Qom Younger and older alluvium of Montezuma Hills and vicinity
	Qomc Older alluvium of Marsh Creek
	Qyp, Qop Younger and older alluvium of Putah Creek
	Qch Alluvium of creeks from the Corral Hollow Drainage to Brushy Creek

Note: Detailed geologic mapping is not available for the entire Conservation Plan Area. This map is primarily based on relatively detailed (scale: 1:24,000) mapping derived from Atwater (1982), which covers most of the Delta. The geology of the remaining areas (e.g., Suisun Marsh and the southern end of the Delta) is based on regional geologic mapping (scale: 1:250,000) from California Division of Mines and Geology (Wagner et al. 1981; Wagner and Bortugno 1982; Wagner et al. 1991).

Sources: Plan Area, ICF 2018; Constructability (BTF Rev 1a), DHCCP DWR 2018; Constructability (CCO Rev 5c), DHCCP DWR 2018

Figure 27-1
Surface Exposure of Geologic Units with Potential to Contain Fossils