

Site 64 – Pinole Ck

Site Coordinates

570204, 4201919

Site Datum:

UTM WGS 1984

Primary Attributes		Confinement Class	WC (h)
Entrenchment Ratio	2.0 (m)	Active bank erosion	Low (m)
Entrainment Ratio	0.00289 (m)	Active sediment supply	Low (m)
Secondary Attributes		Bed Materials	Gravel (m)
Bankfull Width (ft)	9	Bank Materials	silty clay (h)
Bankfull Depth (ft)	0.9	Average Gradient	1.23%
Width/Depth Ratio	10.0 (h)	CLASSIFICATION	MEDIUM

(m) = Medium Criterion; (h) = High Criterion

RISK JUSTIFICATION: Primary and most secondary attributes are Medium. Well-developed riparian areas prevent local erosion. No evidence of instability in either banks or channel. While channel is confined, it also has a coarse bed and well vegetated and stabilized banks.



SITE NOTES: Stable pool-riffle channel with gravel riffles and well developed riparian corridor. High root strength in banks, moderate sinuosity. Incised slightly into valley floor. Limited inset floodplain development.



