

Site 59 – Upper Releiz Creek

Site Coordinates

577042, 4196995

Site Datum:

UTM WGS 1984

Primary Attributes		Confinement Class	MC (m)
Entrenchment Ratio	2.0 (m)	Active bank erosion	Low (m)
Entrainment Ratio	7.6 (h)	Active sediment supply	High (h)
Secondary Attributes		Bed Materials	Silt (h)
Bankfull Width (ft)	7	Bank Materials	Silt (h)
Bankfull Depth (ft)	0.6	Average Gradient	3.29%
Width/Depth Ratio	12.7 (m)	CLASSIFICATION	HIGH

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

RISK JUSTIFICATION: Primary and secondary attributes are mixed. High risk class assignment due to steep grade, fine substrate and potential to destabilize adjacent slopes, leading to large increases in downstream sediment supply.



SITE NOTES: Steep channel in relatively undisturbed park environment with well developed forest canopy providing good root strength to support banks. Person in photo (left) standing on terrace likely formed from incising into landslide deposits. Small inset floodplain and localized bars formed. Substrate dominated by fines. Hillslope failures provide sediment and control local valley morphology.



