

Table 3.2. Interpretation of Observed Data (after Keefer et al.). ⁽²⁵⁾				
Observed Condition	Channel Response			
	Stable	Unstable	Degrading	Aggrading
Alluvial Fan ¹				
Upstream		X		X
Downstream		X	X	
Dam and Reservoir				
Upstream		X		X
Downstream		X	X	
River Form				
Meandering	X	X	Unknown	Unknown
Straight		X	Unknown	Unknown
Braided		X	Unknown	Unknown
Bank Erosion		X	Unknown	Unknown
Vegetated Banks	X		Unknown	Unknown
Head Cuts		X	X	
Diversion				
Clear water diversion		X		X
Overloaded w/sediment		X	X	
Channel Straightened		X	X	
Deforest Watershed		X		X
Drought Period	X			X
Wet Period		X	X	
Bed Material Size				
Increase		X		X
Decrease		X	Unknown	X
¹ The observed condition refers to location of the bridge on the alluvial fan, i.e., on the upstream or downstream portion of the fan.				