

LR-2

Date and Time: 8/26/14 1345	Northing / Lat: 2959289.4
River: SUSITNA	Easting / Long: 1625102.8
X-Sec / PRM: PRM 80.8	Bank Height (ft): ~9' above WSE ~5' above basal gravel cone
Field Book #: —	Failure Mode: Cantilever
Sampled By: MDH, BT, RV	Root Depth (ft): 3'
Comments:	Bank Angle (deg): Vertical
Sample Number: 55	

Bank Samples 3 SAMPLES

WSE @ base of bank is lower than MC WSE → mid chan grav bars + LW D instream at bank - creating weir to sampled surface
 v. high gravel core in bank and on nearby gravel bars > 31
 Mature floodplain surface - dense poplars, underbrush
 0.5'

S5A

S5B

S5C

(ft)	Lithology	Lithologic Description	Special Features
0		Clean fine sand - 0.3'	PHOTOS MDH 736-737 BANK
		organic layer - 0.1'	
-0.1		clean fine sand - 0.6' some roots	
		fine silty sand - 0.25'	
		organic layer - 0.1'	
-0.2		medium sand - 0.4' some roots	
		organic layer - 0.1'	
		clean fine sand - 0.9'	
-0.3		fine silty sand - 0.1'	
		fine sand - 0.3'	
		organic layer - 0.1'	
		fine sand 0.3'	
		organics - 0.1'	
-0.4		fine silty sand - iron staining - 0.4'	
-0.5		clean to fine medium sand - 1'	
-0.6		BASAL / GRAVEL / COBBLE CORE	
-0.7			
-0.8			
-0.9			