

LP-2

Date and Time: 8/27/14 1130 Northing / Lat: 2904951.6  
 River: SUSITNA Easting / Long: 1622856.8  
 X-Sec / PRM: PRM GA.0 Bank Height (ft): 5.4' to core, 5.2' to WSE  
 Field Book #: — Failure Mode: cantilever  
 Sampled By: MDH, ET, RV Root Depth (ft): 3'  
 Comments: Bank Angle (deg): vertical  
 Sample Number: S2

Bank Samples 3 TOTAL → A, B, C

100-102 Cantilever is on sand layer below roots → silty layers cohesive and creating stepped profile in failing bank  
 OFP surface — ~ 3' poplars, spruce

(ft)	Lithology	Lithologic Description	Special Features
0	S2A	fine sand, overbank flood dep - 0.5' minimal rooting	
0.1	SSS	org. layer - very heavily rooted - 0.6'	
0.2	S2B	clean fine sand, some roots - 0.4'	
0.3	SSSS	v. fine silty sand; some Fe staining - 0.4'	
0.4		org. layer - 0.2'	
0.5		clean fine sand - 0.4'	
0.6		f. silty sand w Fe stain, some roots - 0.3'	
0.7		clean f. sand - 0.3'	
0.8		org. rich layer w silty sand	
0.9	S2C	f. silty sand - heavily Fe stained - 1.1'	
1.0		clean med. sand - 0.2'	
1.1		v. fine silty sand - 0.4'	
1.2		fine to med. clean sand - 0.5'	
1.3	OOO	GRAVEL COBBLE CORE	