

# MUDFLOW OBSERVATIONS

Date	Stream	Location	Slope	Depth	Width	Area	$\frac{v}{Y}$	Q	R	Notes
6/23/46	Pelican Point	$\frac{1}{2}$ mi. up. Uprate another dam	8% 7 $\frac{1}{4}$	4 3	18-25 = 86 8-17 = 28		$\frac{.065}{15}$ $\frac{1}{7.5}$	1300 210	3.3 1.3	#2 - 30' wide Cobble Hard. 4' high #1 - 75' wide deposits 2' deep.
"	Spring Branch	1 mi. up. Fountain channel below over bus field	4 1 $\frac{1}{2}$ 1	5 $\frac{1}{2}$ 5 $\frac{1}{4}$	18-24 = 115 5-10 = 38 50-400 = 55				3.6 2.2 0.3	#1 - max = 16" rocks sand 3' deep on fields 50-400' wide #2 - valley
7/29/46	Pleasant	Main Street RR. Channel Farmlands Upper Dam " " Lower Dam Channel below Channel along road	3% 2 $\frac{1}{2}$ 1% 1% 2.7 2.4 4 $\frac{1}{2}$ 5	2 3 1 5	100 = 100 100 = 300 350 = 350 50-100 = 375 15-30 = 180 10-33 = 108		$\frac{.065}{11}$		2.0 3.0 1.0 3.7 1.7 2.6 4.9 3.1	max = 3' rocks = 2' rocks = sandy loam (#5) along S. dike 3' boulders centerline 200' up. centerline 200' up. below lower dam, cutting In upper basin, soft dirt

Pinto Fan - clay + silt - lower  
occasional gravel + small cobbles - upper 0-9 ft. deep.

Coal Creek 0-8 ft "

Meadow, debris dam 0-12 ft "

Pleasant, " " 0-12 ft "