

Table - MOISTURE CONTENT OF MUD FLOWS SAMPLES, UTAH

Date	Stream	Location	Slope	Depth	Spec. Grav.		% Sed. by Vol.	% Moist by wt.	Texture	Notes
					dry	wet				
9/30/46	Kanara #1	West of Hwy.	1%	6"	1.5	2.0	41	—	sandy loam to loam	
	" #2	Old debris basin canyon mouth	3%	12"	1.5	2.0	41	—	" "	
	Annabella #3	Head of flow	8%	12"	1.4	1.9	41	—	Sandy loam	
8/5/46	Mt. Pleasant #1	Strait Fk, bypass	7%	12"		1.9	57	22½	" "	
	" #2	Upper Channel, lower	0%			1.9	60	21	sandy loam to loam	
	" #3	Upper Channel, road	0%			1.9	49	27½	sandy loam	
	" #4	Town, alluv.	0%			1.4	27	48	loam	
	" #5	Farms, 1 mi. W.	1%	12"		1.9	55	25	sandy loam	
2/23/49	Selder Summit #1	above frozen clay	—	1"				46	silty clay loam	
2/24/49	Wasatch Summit #2	thawed mudslide	65	—				32	loam	
1/2	" #3	ponded mudslide	—	—				35½	sandy loam to loam.	

1) Old debris flows of 1945 required 25% moisture by weight or 50% sediment by volume to liquify samples until they would flow down 20-40% incline in laboratory.