

Table - Mechanical Analysis of Miscellaneous Mudflow Samples.

March 16, 1949

-O.C.O.

Sample Locality	fine gravel	coarse sand	medium sand	fine sand	very fine sand	silt	clay	Texture	Notes
	Size		distribution			in mm.			
	2-1	1-.5	.5-.25	.25-.10	.10-.05	.05-.002	.002-.000		
Soldier Summit #1	1%	> 1/2%	3%	5%	6%	50%	35%	silty clay loam	Thawed surface of clay hills
Wasatch Summit #2	1	1	5	11	15	49	18	loam	Thawed slide 65% bank.
Wasatch Summit #3	2	1	4	15	23	45	10	sandy loam - loam	Ponded slide on snowbank
Kanarville #1	5	1	6	27	16	26	19	sandy loam - loam	1945 Flood
Kanarville #2	6	2	6	27	14	26	19	sandy loam - loam	"
Anabella #3	14	7	16	15	9	25	14	sandy loam	"
Mt. Pleasant #1	4	3	20	28	14	21	10	sandy loam	July 27, 1946 Flood
Mt. Pleasant #2	3	2	14	23	13	29	16	sandy loam - loam	"
Mt. Pleasant #3	2	2	15	23	14	31	13	sandy loam	"
Mt. Pleasant #4	1	1	12	20	15	32	19	loam	"
Ariz.									
Copper Mine #1	1	1	25	35	14	24	> 1/2	sandy loam	Sept 26, 1947 slide
Copper Mine #2	> 1/2	> 1/2	21	29	14	35	> 1/2	sandy loam	"
Copper Mine #3	> 1/2	1	21	28	13	36	> 1/2	sandy loam	"

|| Samples from tailings dump break of Sept 26, 1947 - Castle Dome Copper Co., Ariz furnished by G.W. Hardaway, Engineer, Region 3, Forest Service.