



Subsurface Field Sieve Data Sheet

River: SUSITNA ~~SUSITNA R~~ Crew: MDH, CB, RV, BT
 Sample Location: PRM 174.4 Northing / Lat: 3205317.2
 Date / Time: 7/16/14 1745 Easting / Long: 1834808.2
 Field Book # MDH Comments:
 Sample Number: 37
 Sample Type: Main Ch Bar Bank Trib Fan Trib Chan

Total Sample Weight			
(1)	(2)	(3)	(4)
Bucket #	Bucket Wt (lbs)	Bucket + Sample (lbs)	Sample Wt (lbs)
			Col 3 - Col 2
1	1.7	64.8	63.1
2	1.7	44.4	42.7
3	1.7	69.8	68.1
4	1.7	69.0	67.3
5	1.7	59.0	57.3
6	1.7	50.8	49.1
7	1.7	64.4	62.7
8			
9			
10			
Totals	11.9	422.2	410.3

Excess Water (lbs) none

NOTE:
 * All photos and locations are documented on the Surface Sample Data Sheet

Retained Weight				
(1)	(2)	(3)	(4)	(5)
Sieve Size (mm)	Total Weight (lbs) (Containers + material)	Container Weight (lbs)	Sediment Weight (lbs)	Cumulative Weight of Samples (lbs)
			Col 3 - Col 2	Sum Vertically
360 *				
256 *				
180 *				
128 *	34.6	1.7	32.9	32.9
90.0*	19.5	1.7	17.8	50.7
64.0*	51.4	1.7	49.7	100.4
45.0	51.0	1.7	49.3	149.7
32.0	39.1	1.7	37.4	187.1
22.5	30.4	1.7	28.7	215.8
16.0	29.3	1.7	27.6	243.4
8.0				
Remainder	236.2	67.4	168.8	412.2
Totals	491.5	79.3	412.2	
Subsample to Lab	22.8	1.7	21.1	

* Larger samples sorted by size using gravelometer

Total Sample Weight - Total Retained Weight $\frac{410.3 - 412.2}{410.3} = 0.5\%$

Label Bag and Tag: Date, River, PRM, Sample #, and sample type "Surface/Subsurface", "Subsurface", "Bank", "Trib Fan" or "Trib Channel" along with "Minus 16".