



Subsurface Field Sieve Data Sheet

River: Susitna Crew: DBT, BT, RV, MP
 Sample Location: PRM 179.9 Northing / Lat: 3210686.8
 Date / Time: 7/10/14 1500 Easting / Long: 1856926.7
 Field Book # DBT Comments:
 Sample Number: 52

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)
		50.8	Col 3 - Col 2
1	1.7	51.1	49.4
2	1.7	59.3	57.6
3	1.7	61.6	59.9
4	1.7	55.2	53.5
5	1.7	52.2	50.5
6	1.7	55.4	53.7
7	1.7	54.3	52.6
8	1.7	50.8	49.1
9			
10			
Totals	13.6	439.9	426.3

Excess Water (lbs) n/a

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 *	26.0	1.7	24.3	
90.0*	23.0	1.7	21.3	
64.0*	53.4	1.7	51.7	
45.0	40.6	1.7	38.9	
32.0	45.8	1.7	44.1	
22.5	36.4	1.7	34.7	
16.0	29.5	1.7	27.8	
8.0				
Remainder	251.6	67.4	184.2	
Totals	502.84	71.3	426.5427	
Subsample to Lab	18.8	1.7	17.1	

* Larger samples sorted by size using gravelometer

Total Sample Weight - Total Retained Weight $\frac{426.3 - 427.0}{426.3} = 0.16\% \rightarrow 0.2\%$

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