



Subsurface Field Sieve Data Sheet

River: SUSITNA Crew: DT, BT, MP, RV
 Date / Time: 6/24/14 1300 Northing / Lat: 322306.6
 Field Book #: DBT Easting / Long: 1718849.1
 Sample Location: PRM 147.2 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)
			Col 3 - Col 2
1	73.6	73.6	71.9
2	78.4	78.4	72.7
3	1.7	68.4	62.7
4		67.8	66.1
5		52.9	51.2
6		61.6	59.9
7		65.5	63.8
8			
9			
10			456.3
Totals			448.3

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)	(6)	(7)	(8)
Sieve Size (mm)	Container Wt (lbs)	Wt 1 (lbs)	Wt 2 (lbs)	Total Weight (lbs) (Containers + material)	# of Containers * Container Weight (lbs)	Sediment Weight (lbs)	Cumulative Weight of Samples (lbs)
					# Wts * Col 2	Col 5 - Col 6	Sum Vertically
360*							
256*							
180*							
128*				30.8	1.7	29.7	
90.0*				78.5	1.7	76.8	
64.0*				52.3	1.7	50.6	
45.0				55.3	1.7	53.6	
32.0				36.8	1.7	35.1	
22.5				28.4	1.7	26.7	
16.0				27.8	1.7	23.1	295.0
8.0					1.7		
Remainder				230.2	67.7	162.8	457.8
TOTALS				537.1	79.3	457.8	
Subsample to Lab	18.3			20.0	1.7	18.3	

* Larger samples sorted by size using gravelometer

Total Sample Weight - Total Retained Weight $\frac{456.3 - 457.8}{456.3} = 0.3\%$

Label Bag and Tag: Date, River, PRM, Sample # (Typically only one sample per site, so sample 1), then sample type "Surface/Subsurface", "Subsurface", "Bank", "Trib Fan" or "Trib Channel" along with "Minus 16" and WP #.