



Subsurface Field Sieve Data Sheet

River: Susitna R. Crew: DBT, BT, RV, MP  
 Sample Location: PRM 182.2 Northing / Lat: 3220865.04  
 Date / Time: 7-12-14 10:00 (trimble pt @) Easting / Long: 1861740.27  
 Field Book # DBT 1255 Comments:  
 Sample Number: S-1

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	77.3	77.3	75.6
2	74.8	74.8	73.1
3	81.4	81.4	79.7
4	72.9	72.9	71.2
5	83.6	83.6	81.9
6	65.1	65.1	63.4
7			
8			
9			
10			
Totals	10.2	455.1	444.9

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 *				
90.0*	30.7	1.7	29.0	29.0
64.0*	38.4	1.7	36.7	65.7
45.0	38.2	1.7	36.5	102.2
32.0	44.0	1.7	42.3	144.5
22.5	42.2	1.7	40.5	185.0
16.0	38.6	1.7	36.9	221.9
8.0				
Remainder	288.4	67.4	221	
Totals				442.9
Subsample to Lab	23.3	1.7	21.6	

\* Larger samples sorted by size using gravelometer

Total Sample Weight - Total Retained Weight  $\frac{444.9 - 442.9}{444.9} = 0.4\%$

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