



Subsurface Field Sieve Data Sheet

River: Susitna R. Crew: DT, MP, RV, RT
 Sample Location: PRM 181-4 Northing / Lat: 3217328.0
 Date / Time: 7-11-14 1500 Easting / Long: 1861210-9
 Field Book # TST. Comments: None.
 Sample Number: S2

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	52.2	50.5
2	1.7	52.7	51.0
3	1.7	38.4	36.7
4	1.7	56.2	48.5
5	1.7	51.4	49.7
6	1.7	51.8	50.1
7	1.7	52.8	51.1
8	1.7	47.0	46.45.3
9	1.7	47.1	45.4
10			
Totals	15.3	443.6	428.9

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*	47.0	1.7	45.3	45.3
64.0*	69.1	1.7	67.4	112.7
45.0	62.8	1.7	61.1	173.8
32.0	45.6	1.7	43.9	217.7
22.5	38.4	1.7	36.7	254.4
16.0	29.4	1.7	27.7	282.1
8.0				
Remainder	210.6	66.2	144.4	426.5
Totals	502.9	76.4	426.5	
Subsample to Lab	23.4	1.7	21.7	

* Larger samples sorted by size using gravelometer

Total Sample Weight - Total Retained Weight $\frac{428.3 - 426.5}{428.3} = 0.4\%$

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