



Subsurface Field Sieve Data Sheet

River: SUSITNA R Crew: MH, CB, PV  
 Sample Location: PRM 169.2 Northing / Lat: 3208303.2  
 Date / Time: 7/16/14 1200 Easting / Long: 1809106.3  
 Field Book # MDH Comments:  
 Sample Number: 51

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	67.6	65.9
2	1.7	63.6	61.9
3	1.7	73.4	71.7
4	1.7	68.0	66.3
5	1.7	56.8	55.1
6	1.7	85.4	83.7
7	1.7	70.0	68.3
8			
9			
10			
Totals	11.9	484.8	472.9

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 *	67.2	1.7	65.5	
180 *	0	0		
128 *	36.0	1.7	34.3	99.8
90.0*	48.87	1.7	47.0	146.8
64.0*	36.8	1.7	35.1	181.9
45.0	49.0	1.7	47.3	229.2
32.0	35.8	1.7	34.1	263.3
22.5	27.3	1.7	25.6	288.9
16.0	22.4	1.7	20.7	307.6
8.0				
Remainder	228.0	66.2	161.8	471.4 ✓
Totals	551.2	79.8	471.4	
Subsample to Lab	26.2	1.7	24.5 ✓	

\* Larger samples sorted by size using gravelometer

Total Sample Weight - Total Retained Weight  $\frac{472.9 - 471.4}{472.9} = 0.3\%$  ✓

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