



Subsurface Field Sieve Data Sheet

River: Susitna R Crew: RB, CB  
 Sample Location: PRM 175.0 Northing / Lat: 3204859.8  
 Date / Time: 7/18/14 1000 Easting / Long: 1837972.4  
 Field Book # MDH Comments: 624 sample site #1  
 Sample Number: 58 625 exhausted Hole  
 Sample Type: Main Ch Bar Bank Trib Fan Trib Chan 626-site upon departure

Total Sample Weight			
(1)	(2)	(3)	(4)
Bucket #	Bucket Wt (lbs)	Bucket + Sample (lbs)	Sample Wt (lbs)
			Col 3 - Col 2
1	1.7	59.0	57.3
2	1.7	60.4	58.7
3	1.7	89.7	88.0
4	1.7	81.1	79.4
5	1.7	54.0	52.3
6	1.7	51.2	49.5
7	1.7	86.7	85.0
8			
9			
10			
Totals	11.9	482.1	470.2

Excess Water (lbs) 1.0

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 *	42.7	1.7	41.0	41.0
90.0*	41.7	1.7	40.0	81.0
64.0*	47.0	1.7	45.3	126.3
45.0	46.4	1.7	44.7	171
32.0	47.0	1.7	45.3	216.3
22.5	35.3	1.7	33.6	249.9
16.0	27.3	1.7	25.6	275.5
8.0				
Remainder	260.8	67.4	254.4	
Totals	<del>542.7</del> 482.1	79.3	468.9	468.9
Subsample to Lab	24.2	1.7	22.5	

Broken Calc

275.5  
468.9

\* Larger samples sorted by size using gravelometer

Total Sample Weight - Total Retained Weight  $\frac{470.2 - 468.9}{470.2} = 1.3 = 0.3\%$   
 Total Sample Weight

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