



Subsurface Field Sieve Data Sheet

River: SUSITNA Crew: MDH, CVB, RAV
 Sample Location: PRM 258.6 Northing / Lat: 3229348.7
 Date / Time: 8/10/14 1530 Easting / Long: 2119774.2
 Field Book # MDH 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	74.0	7.7	72.9
2	74.0	1.7	72.3
3	78.2	1.7	76.5
4	68.4	1.7	66.7
5	69.2	1.7	67.5
6			
7			
8			
9			
10			
Totals	289.8	6.8	283.0 ✓

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)
Sieve Size (mm)	Total Weight (lbs) (Containers + material)	# of Containers * Container Weight (lbs)	Sediment Weight (lbs)	Cumulative Weight of Samples (lbs)
		# Wts * Col 2	Col 3 - Col 2	Sum Vertically
360 *				
256 *				
180 *				
128 *				
90.0*				
64.0*	6.7	1.7	5.2	
45.0	17.8	1.7	16.1	21.3
32.0	36.0	1.7	34.3	55.6
22.5	37.6	1.7	35.9	91.5
16.0	24.8	1.7	23.1	114.6
8.0				
Remainder	202.3	34.2	168.1	282.7 ✓
Totals				
Subsample to Lab	23.9	1.7	22.2 ✓	

* Larger samples sorted by size using gravelometer

Total Sample Weight - Total Retained Weight $\frac{283.0 - 282.7}{283.0} = 0.1\%$ ✓

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 #.

QC1: RAV

Photo Backup # 850

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