



Subsurface Field Sieve Data Sheet

River: Susitna Crew: BT, MP
 Date / Time: 6-23-14 13:30-14 Northing / Lat: 3162067.9
 Field Book # 6-23-14 Easting / Long: 1647523.7
 Sample Location: 5th of July Creek Comments:
 Sample Number: 54

Sample Type: Main Ch Bar Bank Trib Fan Trib Chan

No surface pebble counts collected. No armour layer. all flood? debris

Total Sample Weight			
(1)	(2)	(3)	(4)
Bucket #	Bucket Wt (lbs)	Bucket + Sample (lbs)	Sample Wt (lbs)
			Col 3 - Col 2
1	1.7	55.8	54.1
2	1.7	60.9	59.2
3	1.7	60.8	59.1
4	1.7	55.8	54.1
5	1.7	65.1	63.4
6	1.7	55.8	54.1
7	1.7	61.6	59.9
8	1.7	49.8	48.1
9			
10			
Totals	13.6	465.6	452.0

Excess Water (lbs) None

NOTE:
* All photos and locations are documented on the Surface Sample Data Sheet

PHOTOS

280 - undisturbed surface
 281 - hole
 268 - tributary fan

Retained Weight							
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)
Sieve Size (mm)	Container Wt (lbs)	Wt 1 (lbs)	Wt 2 (lbs)	Total Weight (lbs) (Containers + material)	# of Containers * Container Weight (lbs)	Sediment Weight (lbs)	Cumulative Weight of Samples (lbs)
					# Wts * Col 2	Col 5 - Col 6	Sum Vertically
360*							
256*							
180*							
128*							
90.0*				28.8	1.7	27.1	27.1
64.0*				59.4	1.7	57.7	84.8
45.0				56.8	1.7	55.1	139.9
32.0	1.7			57.8	1.7	56.1	196
22.5				47.2	1.7	45.5	241.5
16.0				39.2	1.7	37.5	279
8.0				2			
Remainder				238.8	67.4	171.4	450.4
TOTALS				528.0	77.6	450.4	
Subsample to Lab	<u>14-5</u>			238.8 16.2 - 1.7 =	67.4 14.5		

* Larger samples sorted by size using gravelometer

Total Sample Weight - Total Retained Weight $\frac{472 - 450.4}{452} = 0.4\%$

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 #.