



Subsurface Field Sieve Data Sheet

River: SHERMAN CR. Crew: BT, MR, DBT, RV
 Date / Time: 6-21-14 1620 Northing / Lat: 318389 # 3.5
 Field Book # DBT Easting / Long: 1672294
 Sample Location: 1 Comments: 1672296:6
 Sample Number: S3 Raining Hard -> Weight Gain in water

Sample Type: Main Ch Bar Bank Trib Fan Trib Chan

P199 - Excavator hole
D200 - Sample area
D201 - Sample area

Total Sample Weight			
(1)	(2)	(3)	(4)
Bucket #	Bucket Wt (lbs)	Bucket + Sample (lbs)	Sample Wt (lbs)
			Col 3 - Col 2
1	1.2	66.2	64.5
2	1.7	70.0	68.3
3	1.7	66.4	64.7
4	1.7	65.4	63.7
5	1.7	66.0	64.3
6	1.7	65.6	63.8
7	1.7	50.6	48.9
8	1.7		
9			
10			
Totals	11.9	455.1	438.2

Excess Water (lbs) 0.1

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

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 *	1.7			22.6		20.9	20.9
128 *						11.6	
90.0 *	1.7			13.3	11.6 ->	17.4	32.5
64.0 *	1.7			19.6		17.9	50.4
45.0	1.7			43.9		42.2	92.6
32.0	1.7			60.6		59.9	151.5
22.5	1.7			53.0		51.3	202.9
16.0	1.7			42.1		40.4	243.3
8.0							
Remainder	67.4			265.5		198.1	441.4
TOTALS							
Subsample to Lab	20.5					22.2 - 1.7	

* Larger samples sorted by size using gravelometer

Total Sample Weight - Total Retained Weight = $\frac{438.2 - 441.4}{438.2} = \frac{-3.2}{438.2} = 3.2 \rightarrow .007 \rightarrow 0.7\%$

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 # 207

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