

SIEVING ERROR: 0.1%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **SR-61-420**

ANALYST &amp; DATE: ,

SAMPLE TYPE: Bimodal, Poorly Sorted

TEXTURAL GROUP: Gravelly Sand

SEDIMENT NAME: Very Fine Gravelly Medium Sand

	$\mu\text{m}$	$\phi$	GRAIN SIZE DISTRIBUTION			
MODE 1:	215.0	2.237	GRAVEL: 14.9%	COARSE SAND: 7.7%		
MODE 2:	3400.0	-1.743	SAND: 83.1%	MEDIUM SAND: 30.3%		
MODE 3:			MUD: 1.9%	FINE SAND: 28.5%		
$D_{10}$ :	122.9	-1.368		V FINE SAND: 8.3%		
MEDIAN or $D_{50}$ :	303.1	1.722	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.3%		
$D_{90}$ :	2580.5	3.025	COARSE GRAVEL: 0.0%	COARSE SILT: 0.3%		
$(D_{90} / D_{10})$ :	21.00	-2.212	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.3%		
$(D_{90} - D_{10})$ :	2457.6	4.392	FINE GRAVEL: 0.4%	FINE SILT: 0.3%		
$(D_{75} / D_{25})$ :	4.231	9.204	V FINE GRAVEL: 14.6%	V FINE SILT: 0.3%		
$(D_{75} - D_{25})$ :	640.5	2.081	V COARSE SAND: 8.4%	CLAY: 0.3%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	$\mu\text{m}$	$\mu\text{m}$	$\phi$	$\mu\text{m}$	$\phi$	
MEAN ( $\bar{x}$ ):	795.4	392.4	1.350	445.7	1.166	Medium Sand
SORTING ( $\sigma$ ):	1019.2	3.292	1.719	3.199	1.678	Poorly Sorted
SKEWNESS ( $Sk$ ):	1.737	-0.061	0.061	0.392	-0.392	Very Coarse Skewed
KURTOSIS ( $K$ ):	4.821	3.879	3.879	1.026	1.026	Mesokurtic

**GRAIN SIZE DISTRIBUTION**