

SIEVING ERROR: 0.1%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **SR-69-480**

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:	302.5	1.747	GRAVEL: 12.9%	COARSE SAND: 20.1%		
MODE 2:	3400.0	-1.743	SAND: 85.7%	MEDIUM SAND: 31.8%		
MODE 3:			MUD: 1.4%	FINE SAND: 19.8%		
$D_{10}$ :	167.3	-1.300		V FINE SAND: 4.3%		
MEDIAN or $D_{50}$ :	418.1	1.258	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.2%		
$D_{90}$ :	2462.7	2.579	COARSE GRAVEL: 0.0%	COARSE SILT: 0.2%		
$(D_{90} / D_{10})$ :	14.72	-1.984	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.2%		
$(D_{90} - D_{10})$ :	2295.4	3.880	FINE GRAVEL: 2.8%	FINE SILT: 0.2%		
$(D_{75} / D_{25})$ :	3.653	13.61	V FINE GRAVEL: 10.1%	V FINE SILT: 0.2%		
$(D_{75} - D_{25})$ :	655.4	1.869	V COARSE SAND: 9.6%	CLAY: 0.2%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	$\mu\text{m}$	$\mu\text{m}$	$\phi$	$\mu\text{m}$	$\phi$	
MEAN ( $\bar{x}$ ):	870.4	483.2	1.049	511.5	0.967	Coarse Sand
SORTING ( $\sigma$ ):	1069.8	2.975	1.573	2.811	1.491	Poorly Sorted
SKEWNESS ( $Sk$ ):	2.149	-0.263	0.263	0.266	-0.266	Coarse Skewed
KURTOSIS ( $K$ ):	7.053	4.705	4.705	1.079	1.079	Mesokurtic

**GRAIN SIZE DISTRIBUTION**