

SIEVING ERROR: 0.0%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **SR-72-465**

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: 9.6%	COARSE SAND: 7.8%		
MODE 2:	2400.0	-1.243	SAND: 89.1%	MEDIUM SAND: 41.0%		
MODE 3:			MUD: 1.3%	FINE SAND: 25.1%		
$D_{10}$ :	136.4	-0.957		V FINE SAND: 7.0%		
MEDIAN or $D_{50}$ :	312.3	1.679	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.2%		
$D_{90}$ :	1940.7	2.874	COARSE GRAVEL: 0.0%	COARSE SILT: 0.2%		
$(D_{90} / D_{10})$ :	14.23	-3.005	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.2%		
$(D_{90} - D_{10})$ :	1804.3	3.831	FINE GRAVEL: 0.4%	FINE SILT: 0.2%		
$(D_{75} / D_{25})$ :	2.430	2.363	V FINE GRAVEL: 9.3%	V FINE SILT: 0.2%		
$(D_{75} - D_{25})$ :	306.8	1.281	V COARSE SAND: 8.1%	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 ( $\bar{x}$ ):	660.2	373.0	1.423	406.7	1.298	Medium Sand
SORTING ( $\sigma$ ):	854.3	2.780	1.475	2.643	1.402	Poorly Sorted
SKEWNESS ( $S_k$ ):	2.311	0.030	-0.030	0.369	-0.369	Very Coarse Skewed
KURTOSIS ( $K$ ):	7.751	4.884	4.884	1.537	1.537	Very Leptokurtic

**GRAIN SIZE DISTRIBUTION**