

SIEVING ERROR: 0.2%

## SAMPLE STATISTICS

SAMPLE IDENTITY: **SR-29-245**

ANALYST & DATE: ,

SAMPLE TYPE: Bimodal, Poorly Sorted

TEXTURAL GROUP: Gravelly Sand

SEDIMENT NAME: Fine Gravelly Fine Sand

	$\mu\text{m}$	$\phi$	GRAIN SIZE DISTRIBUTION			
MODE 1:	215.0	2.237	GRAVEL: 14.1%	COARSE SAND: 4.5%		
MODE 2:	4800.0	-2.243	SAND: 85.9%	MEDIUM SAND: 29.7%		
MODE 3:			MUD: 0.1%	FINE SAND: 46.8%		
$D_{10}$ :	153.8	-2.000		V FINE SAND: 2.1%		
MEDIAN or $D_{50}$ :	254.3	1.976	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
$D_{90}$ :	4000.5	2.701	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
$(D_{90} / D_{10})$ :	26.01	-1.350	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$ :	3846.6	4.701	FINE GRAVEL: 10.0%	FINE SILT: 0.0%		
$(D_{75} / D_{25})$ :	2.175	1.916	V FINE GRAVEL: 4.1%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$ :	231.4	1.121	V COARSE SAND: 2.8%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	$\mu\text{m}$	$\mu\text{m}$	$\phi$	$\mu\text{m}$	$\phi$	
MEAN ( $\bar{x}$ ):	865.5	380.8	1.393	386.8	1.370	Medium Sand
SORTING ( $\sigma$ ):	1432.9	2.930	1.551	2.791	1.481	Poorly Sorted
SKEWNESS ( $Sk$ ):	2.151	1.417	-1.417	0.645	-0.645	Very Coarse Skewed
KURTOSIS ( $K$ ):	5.955	3.859	3.859	1.878	1.878	Very Leptokurtic

## GRAIN SIZE DISTRIBUTION

