

SIEVING ERROR: 0.1%

## SAMPLE STATISTICS

SAMPLE IDENTITY: **SR-35-300**

ANALYST & DATE: ,

SAMPLE TYPE: Bimodal, Poorly Sorted

TEXTURAL GROUP: Slightly Gravelly Sand

SEDIMENT NAME: Slightly Very Fine Gravelly Medium Sand

	$\mu\text{m}$	$\phi$	GRAIN SIZE DISTRIBUTION			
MODE 1:	215.0	2.237	GRAVEL: 4.4%	COARSE SAND: 13.8%		
MODE 2:	855.0	0.247	SAND: 95.6%	MEDIUM SAND: 39.1%		
MODE 3:			MUD: 0.0%	FINE SAND: 29.9%		
$D_{10}$ :	186.5	-0.467		V FINE SAND: 0.8%		
MEDIAN or $D_{50}$ :	332.7	1.588	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
$D_{90}$ :	1382.1	2.423	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
$(D_{90} / D_{10})$ :	7.411	-5.189	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$ :	1195.6	2.890	FINE GRAVEL: 0.2%	FINE SILT: 0.0%		
$(D_{75} / D_{25})$ :	2.884	3.596	V FINE GRAVEL: 4.2%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$ :	434.4	1.528	V COARSE SAND: 12.0%	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 ( $\bar{x}$ ):	591.5	410.8	1.284	410.1	1.286	Medium Sand
SORTING ( $\sigma$ ):	620.9	2.159	1.110	2.188	1.130	Poorly Sorted
SKEWNESS ( $Sk$ ):	2.594	0.826	-0.826	0.394	-0.394	Very Coarse Skewed
KURTOSIS ( $K$ ):	11.29	3.027	3.027	0.968	0.968	Mesokurtic

## GRAIN SIZE DISTRIBUTION

