

SIEVING ERROR: 0.3%

## SAMPLE STATISTICS

SAMPLE IDENTITY: **SR-26-300**

ANALYST & DATE: ,

SAMPLE TYPE: Unimodal, Moderately Sorted

TEXTURAL GROUP: Slightly Gravelly Sand

SEDIMENT NAME: Slightly Very Fine Gravelly Medium Sand

	$\mu\text{m}$	$\phi$	GRAIN SIZE DISTRIBUTION			
MODE 1:	427.5	1.247	GRAVEL: 1.7%	COARSE SAND: 28.5%		
MODE 2:			SAND: 98.3%	MEDIUM SAND: 44.0%		
MODE 3:			MUD: 0.0%	FINE SAND: 13.2%		
$D_{10}$ :	223.6	-0.234		V FINE SAND: 0.3%		
MEDIAN or $D_{50}$ :	448.8	1.156	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
$D_{90}$ :	1176.1	2.161	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
$(D_{90} / D_{10})$ :	5.260	-9.232	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$ :	952.5	2.395	FINE GRAVEL: 0.2%	FINE SILT: 0.0%		
$(D_{75} / D_{25})$ :	2.291	3.317	V FINE GRAVEL: 1.5%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$ :	394.0	1.196	V COARSE SAND: 12.2%	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 ( $\bar{x}$ ):	602.5	480.1	1.059	478.1	1.065	Medium Sand
SORTING ( $\sigma$ ):	472.1	1.870	0.903	1.879	0.910	Moderately Sorted
SKEWNESS ( $Sk$ ):	2.986	0.360	-0.360	0.160	-0.160	Coarse Skewed
KURTOSIS ( $K$ ):	18.37	3.671	3.671	1.017	1.017	Mesokurtic

## GRAIN SIZE DISTRIBUTION

