

SIEVING ERROR: 0.2%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **SR-23-100**

ANALYST &amp; DATE: ,

SAMPLE TYPE: Unimodal, Moderately Sorted

TEXTURAL GROUP: Slightly Gravelly Sand

SEDIMENT NAME: Slightly Fine Gravelly Fine Sand

	$\mu\text{m}$	$\phi$	GRAIN SIZE DISTRIBUTION			
MODE 1:	215.0	2.237	GRAVEL: 1.2%	COARSE SAND: 12.1%		
MODE 2:			SAND: 98.7%	MEDIUM SAND: 34.1%		
MODE 3:			MUD: 0.1%	FINE SAND: 47.8%		
$D_{10}$ :	151.4	0.585		V FINE SAND: 2.0%		
MEDIAN or $D_{50}$ :	250.3	1.998	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
$D_{90}$ :	666.7	2.724	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
$(D_{90} / D_{10})$ :	4.404	4.657	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$ :	515.3	2.139	FINE GRAVEL: 0.7%	FINE SILT: 0.0%		
$(D_{75} / D_{25})$ :	1.962	1.700	V FINE GRAVEL: 0.5%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$ :	187.3	0.972	V COARSE SAND: 2.7%	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 ( $\bar{x}$ ):	380.7	289.2	1.790	279.6	1.838	Medium Sand
SORTING ( $\sigma$ ):	475.5	1.850	0.888	1.740	0.799	Moderately Sorted
SKEWNESS ( $Sk$ ):	6.619	1.168	-1.168	0.335	-0.335	Very Coarse Skewed
KURTOSIS ( $K$ ):	56.99	6.973	6.973	1.172	1.172	Leptokurtic

**GRAIN SIZE DISTRIBUTION**