

SIEVING ERROR: 0.2%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **SR-12-60**

ANALYST &amp; DATE: ,

SAMPLE TYPE: Unimodal, Moderately Sorted

TEXTURAL GROUP: Slightly Gravelly Sand

SEDIMENT NAME: Slightly Fine Gravelly Medium Sand

	$\mu\text{m}$	$\phi$	GRAIN SIZE DISTRIBUTION			
MODE 1:	215.0	2.237	GRAVEL: 3.7%	COARSE SAND: 12.1%		
MODE 2:			SAND: 96.2%	MEDIUM SAND: 42.5%		
MODE 3:			MUD: 0.1%	FINE SAND: 34.8%		
$D_{10}$ :	185.9	0.017		V FINE SAND: 0.8%		
MEDIAN or $D_{50}$ :	300.0	1.737	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
$D_{90}$ :	987.9	2.427	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
$(D_{90} / D_{10})$ :	5.313	138.7	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$ :	802.0	2.410	FINE GRAVEL: 1.9%	FINE SILT: 0.0%		
$(D_{75} / D_{25})$ :	2.105	1.973	V FINE GRAVEL: 1.8%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$ :	244.3	1.074	V COARSE SAND: 6.1%	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 ( $\bar{x}$ ):	530.8	359.3	1.477	347.0	1.527	Medium Sand
SORTING ( $\sigma$ ):	742.2	2.069	1.049	1.935	0.952	Moderately Sorted
SKEWNESS ( $Sk$ ):	4.301	1.339	-1.339	0.395	-0.395	Very Coarse Skewed
KURTOSIS ( $K$ ):	23.22	5.863	5.863	1.259	1.259	Leptokurtic

**GRAIN SIZE DISTRIBUTION**