

SIEVING ERROR: 0.1%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **SR-17-60**

ANALYST &amp; DATE: ,

SAMPLE TYPE: Bimodal, Poorly Sorted

TEXTURAL GROUP: Sandy Gravel

SEDIMENT NAME: Sandy Fine Gravel

	$\mu\text{m}$	$\phi$	GRAIN SIZE DISTRIBUTION			
MODE 1:	4800.0	-2.243	GRAVEL: 50.4%	COARSE SAND: 8.0%		
MODE 2:	215.0	2.237	SAND: 49.6%	MEDIUM SAND: 16.7%		
MODE 3:			MUD: 0.1%	FINE SAND: 14.8%		
$D_{10}$ :	210.4	-2.350		V FINE SAND: 0.7%		
MEDIAN or $D_{50}$ :	2035.9	-1.026	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
$D_{90}$ :	5098.2	2.248	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
$(D_{90} / D_{10})$ :	24.23	-0.957	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$ :	4887.7	4.598	FINE GRAVEL: 35.8%	FINE SILT: 0.0%		
$(D_{75} / D_{25})$ :	12.74	-0.710	V FINE GRAVEL: 14.5%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$ :	4080.8	3.671	V COARSE SAND: 9.3%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic $\mu\text{m}$	Geometric $\mu\text{m}$	Logarithmic $\phi$	Geometric $\mu\text{m}$	Logarithmic $\phi$	Description
MEAN ( $\bar{x}$ ):	2433.9	1313.8	-0.394	1355.3	-0.439	Very Coarse Sand
SORTING ( $\sigma$ ):	1977.5	3.599	1.848	3.488	1.803	Poorly Sorted
SKEWNESS ( $Sk$ ):	0.135	-0.427	0.427	-0.423	0.423	Very Fine Skewed
KURTOSIS ( $K$ ):	1.257	1.678	1.678	0.546	0.546	Very Platykurtic

**GRAIN SIZE DISTRIBUTION**