

SIEVING ERROR: 0.2%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **SR-18-120**

ANALYST &amp; DATE: ,

SAMPLE TYPE: Bimodal, Poorly Sorted

TEXTURAL GROUP: Gravelly Sand

SEDIMENT NAME: Fine Gravelly Fine Sand

	$\mu\text{m}$	$\phi$	GRAIN SIZE DISTRIBUTION			
MODE 1:	215.0	2.237	GRAVEL: 23.3%	COARSE SAND: 5.2%		
MODE 2:	4800.0	-2.243	SAND: 76.7%	MEDIUM SAND: 30.9%		
MODE 3:			MUD: 0.0%	FINE SAND: 32.6%		
$D_{10}$ :	189.1	-2.087		V FINE SAND: 0.7%		
MEDIAN or $D_{50}$ :	320.0	1.644	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
$D_{90}$ :	4249.2	2.403	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
$(D_{90} / D_{10})$ :	22.47	-1.151	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$ :	4060.1	4.490	FINE GRAVEL: 12.2%	FINE SILT: 0.0%		
$(D_{75} / D_{25})$ :	7.738	-2.655	V FINE GRAVEL: 11.1%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$ :	1524.2	2.952	V COARSE SAND: 7.3%	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 ( $\bar{x}$ ):	1226.6	562.0	0.831	590.1	0.761	Coarse Sand
SORTING ( $\sigma$ ):	1589.1	3.265	1.707	3.305	1.725	Poorly Sorted
SKEWNESS ( $Sk$ ):	1.409	0.745	-0.745	0.645	-0.645	Very Coarse Skewed
KURTOSIS ( $K$ ):	3.425	2.064	2.064	0.673	0.673	Platykurtic

**GRAIN SIZE DISTRIBUTION**