

SIEVING ERROR: 0.2%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **SR-49-300**

ANALYST &amp; DATE: ,

SAMPLE TYPE: Bimodal, Poorly Sorted

TEXTURAL GROUP: Sandy Gravel

SEDIMENT NAME: Sandy Very Fine Gravel

	$\mu\text{m}$	$\phi$	GRAIN SIZE DISTRIBUTION			
MODE 1:	4800.0	-2.243	GRAVEL: 41.8%	COARSE SAND: 4.7%		
MODE 2:	215.0	2.237	SAND: 57.9%	MEDIUM SAND: 12.4%		
MODE 3:			MUD: 0.3%	FINE SAND: 25.8%		
$D_{10}$ :	147.6	-2.184		V FINE SAND: 4.7%		
MEDIAN or $D_{50}$ :	1199.3	-0.262	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
$D_{90}$ :	4543.6	2.760	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
$(D_{90} / D_{10})$ :	30.78	-1.264	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$ :	4396.0	4.944	FINE GRAVEL: 16.1%	FINE SILT: 0.0%		
$(D_{75} / D_{25})$ :	14.97	-1.271	V FINE GRAVEL: 25.7%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$ :	3072.3	3.904	V COARSE SAND: 10.2%	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 ( $\bar{x}$ ):	1838.3	864.0	0.211	953.3	0.069	Coarse Sand
SORTING ( $\sigma$ ):	1745.8	4.004	2.001	3.804	1.927	Poorly Sorted
SKEWNESS ( $Sk$ ):	0.545	-0.219	0.219	-0.223	0.223	Fine Skewed
KURTOSIS ( $K$ ):	1.771	1.674	1.674	0.560	0.560	Very Platykurtic

**GRAIN SIZE DISTRIBUTION**