

SIEVING ERROR: 1.4%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **SR-50-100**

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:	3400.0	-1.743	GRAVEL: 35.9%	COARSE SAND: 7.2%		
MODE 2:	215.0	2.237	SAND: 63.4%	MEDIUM SAND: 14.6%		
MODE 3:			MUD: 0.7%	FINE SAND: 23.0%		
$D_{10}$ :	135.7	-2.097		V FINE SAND: 6.7%		
MEDIAN or $D_{50}$ :	823.7	0.280	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.1%		
$D_{90}$ :	4278.3	2.881	COARSE GRAVEL: 0.0%	COARSE SILT: 0.1%		
$(D_{90} / D_{10})$ :	31.53	-1.374	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.1%		
$(D_{90} - D_{10})$ :	4142.6	4.978	FINE GRAVEL: 12.5%	FINE SILT: 0.1%		
$(D_{75} / D_{25})$ :	13.43	-1.456	V FINE GRAVEL: 23.4%	V FINE SILT: 0.1%		
$(D_{75} - D_{25})$ :	2664.5	3.747	V COARSE SAND: 11.9%	CLAY: 0.1%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	$\mu\text{m}$	$\mu\text{m}$	$\phi$	$\mu\text{m}$	$\phi$	
MEAN ( $\bar{x}$ ):	1628.2	755.6	0.404	790.7	0.339	Coarse Sand
SORTING ( $\sigma$ ):	1644.0	3.991	1.997	3.866	1.951	Poorly Sorted
SKEWNESS ( $Sk$ ):	0.779	-0.247	0.247	-0.052	0.052	Symmetrical
KURTOSIS ( $K$ ):	2.174	2.113	2.113	0.601	0.601	Very Platykurtic

**GRAIN SIZE DISTRIBUTION**