

SIEVING ERROR: 0.2%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **SR-38-463**

ANALYST &amp; DATE: ,

SAMPLE TYPE: Bimodal, Poorly Sorted

TEXTURAL GROUP: Gravelly Sand

SEDIMENT NAME: Very Fine Gravelly Medium Sand

	$\mu\text{m}$	$\phi$	GRAIN SIZE DISTRIBUTION			
MODE 1:	302.5	1.747	GRAVEL: 6.3%	COARSE SAND: 14.2%		
MODE 2:	855.0	0.247	SAND: 93.6%	MEDIUM SAND: 43.8%		
MODE 3:			MUD: 0.1%	FINE SAND: 24.5%		
$D_{10}$ :	171.8	-0.436		V FINE SAND: 3.0%		
MEDIAN or $D_{50}$ :	334.2	1.581	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
$D_{90}$ :	1352.9	2.541	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
$(D_{90} / D_{10})$ :	7.875	-5.827	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$ :	1181.1	2.977	FINE GRAVEL: 2.0%	FINE SILT: 0.0%		
$(D_{75} / D_{25})$ :	2.539	2.843	V FINE GRAVEL: 4.3%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$ :	365.6	1.344	V COARSE SAND: 8.0%	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 ( $\bar{x}$ ):	635.7	406.2	1.300	395.1	1.340	Medium Sand
SORTING ( $\sigma$ ):	834.2	2.284	1.192	2.259	1.176	Poorly Sorted
SKEWNESS ( $Sk$ ):	3.314	0.940	-0.940	0.347	-0.347	Very Coarse Skewed
KURTOSIS ( $K$ ):	14.96	3.967	3.967	1.247	1.247	Leptokurtic

**GRAIN SIZE DISTRIBUTION**