

### SAMPLE STATISTICS

SIEVING ERROR: 0.0%	VIBRACORE	SIEVE INTERVAL $\frac{1}{2} \phi$
SAMPLE IDENTITY: <b>SR-32-215</b>	ANALYST & DATE:	
SAMPLE TYPE: Bimodal, Poorly Sorted	TEXTURAL GROUP: Gravelly Sand	
SEDIMENT NAME: Very Fine Gravelly Very Fine Sand		

			GRAIN SIZE DISTRIBUTION			
	$\mu\text{m}$	$\phi$				
MODE 1:	107.5	3.237	GRAVEL:	13.1%	COARSE SAND:	6.0%
MODE 2:	4800.0	-2.243	SAND:	83.2%	MEDIUM SAND:	4.6%
MODE 3:			MUD:	3.6%	FINE SAND:	26.4%
D <sub>10</sub> :	73.64	-1.492			V FINE SAND:	39.5%
MEDIAN or D <sub>50</sub> :	145.2	2.784	V COARSE GRAVEL:	0.0%	V COARSE SILT:	0.6%
D <sub>90</sub> :	2813.2	3.763	COARSE GRAVEL:	0.0%	COARSE SILT:	0.6%
(D <sub>90</sub> / D <sub>10</sub> ):	38.20	-2.522	MEDIUM GRAVEL:	0.0%	MEDIUM SILT:	0.6%
(D <sub>90</sub> - D <sub>10</sub> ):	2739.5	5.255	FINE GRAVEL:	5.5%	FINE SILT:	0.6%
(D <sub>75</sub> / D <sub>25</sub> ):	5.792	4.127	V FINE GRAVEL:	7.6%	V FINE SILT:	0.6%
(D <sub>75</sub> - D <sub>25</sub> ):	471.8	2.534	V COARSE SAND:	6.8%	CLAY:	0.6%

	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	$\mu\text{m}$	$\mu\text{m}$	$\phi$	$\mu\text{m}$	$\phi$	
MEAN :	736.669564	232.6	2.104	260.8	1.939	Medium Sand
SORTING:	1276.27454	4.237	2.083	3.797	1.925	Poorly Sorted
SKEWNESS:	2.20236445	0.497	-0.497	0.618	-0.618	Very Coarse Skewed
KURTOSIS:	6.69094072	3.155	3.155	0.968	0.968	Mesokurtic

