

### SAMPLE STATISTICS

SIEVING ERROR: 0.0%	VIBRACORE	SIEVE INTERVAL $\frac{1}{2} \phi$
SAMPLE IDENTITY: <b>SR-57-100</b>	ANALYST & DATE:	
SAMPLE TYPE: Bimodal, Poorly Sorted	TEXTURAL GROUP: Slightly Gravelly Sand	
SEDIMENT NAME: Slightly Very Fine Gravelly Medium Sand		

	$\mu\text{m}$	$\phi$	GRAIN SIZE DISTRIBUTION			
MODE 1:	215.0	2.237	GRAVEL:	1.3%	COARSE SAND:	21.8%
MODE 2:	427.5	1.247	SAND:	98.5%	MEDIUM SAND:	32.1%
MODE 3:			MUD:	0.2%	FINE SAND:	31.5%
D <sub>10</sub> :	148.3	-0.039			V FINE SAND:	4.0%
MEDIAN or D <sub>50</sub> :	342.8	1.544	V COARSE GRAVEL:	0.0%	V COARSE SILT:	0.0%
D <sub>90</sub> :	1027.1	2.753	COARSE GRAVEL:	0.0%	COARSE SILT:	0.0%
(D <sub>90</sub> / D <sub>10</sub> ):	6.924	-71.273	MEDIUM GRAVEL:	0.0%	MEDIUM SILT:	0.0%
(D <sub>90</sub> - D <sub>10</sub> ):	878.8	2.792	FINE GRAVEL:	0.0%	FINE SILT:	0.0%
(D <sub>75</sub> / D <sub>25</sub> ):	2.849	3.001	V FINE GRAVEL:	1.3%	V FINE SILT:	0.0%
(D <sub>75</sub> - D <sub>25</sub> ):	384.6	1.510	V COARSE SAND:	9.1%	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 :	492.411642	363.7	1.459	358.4	1.480	Medium Sand
SORTING:	437.231698	2.094	1.066	2.071	1.050	Poorly Sorted
SKEWNESS:	2.37276963	0.224	-0.224	0.136	-0.136	Coarse Skewed
KURTOSIS:	10.1777833	3.572	3.572	0.940	0.940	Mesokurtic

