

## SAMPLE STATISTICS

SIEVING ERROR: 0.0%	VIBRACORE	SIEVE INTERVAL $\frac{1}{2} \phi$
SAMPLE IDENTITY: <b>SR-17-100</b>		ANALYST & DATE:
SAMPLE TYPE: Unimodal, Moderately Well Sorted		TEXTURAL GROUP: Slightly Gravelly Sand
SEDIMENT NAME: Slightly Fine Gravelly Fine Sand		

			GRAIN SIZE DISTRIBUTION			
	$\mu\text{m}$	$\phi$				
MODE 1:	215.0	2.237	GRAVEL:	0.5%	COARSE SAND:	1.1%
MODE 2:			SAND:	99.4%	MEDIUM SAND:	22.7%
MODE 3:			MUD:	0.2%	FINE SAND:	70.5%
D <sub>10</sub> :	133.6	1.591			V FINE SAND:	4.7%
MEDIAN or D <sub>50</sub> :	205.2	2.285	V COARSE GRAVEL:	0.0%	V COARSE SILT:	0.0%
D <sub>90</sub> :	332.0	2.904	COARSE GRAVEL:	0.0%	COARSE SILT:	0.0%
(D <sub>90</sub> / D <sub>10</sub> ):	2.485	1.826	MEDIUM GRAVEL:	0.0%	MEDIUM SILT:	0.0%
(D <sub>90</sub> - D <sub>10</sub> ):	198.4	1.313	FINE GRAVEL:	0.3%	FINE SILT:	0.0%
(D <sub>75</sub> / D <sub>25</sub> ):	1.538	1.310	V FINE GRAVEL:	0.2%	V FINE SILT:	0.0%
(D <sub>75</sub> - D <sub>25</sub> ):	87.25	0.621	V COARSE SAND:	0.4%	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 :	243.9	209.7	2.254	206.1	2.279	Fine Sand		
SORTING :	285.7	1.533	0.616	1.425	0.511	Moderately Well Sorted		
SKEWNESS :	12.68	1.211	-1.211	0.081	-0.081	Symmetrical		
KURTOSIS :	188.1	18.49	18.49	1.100	1.100	Mesokurtic		

## GRAIN SIZE DISTRIBUTION

