

## SAMPLE STATISTICS

SIEVING ERROR: 0.0%	VIBRACORE	SIEVE INTERVAL $\frac{1}{2} \phi$
SAMPLE IDENTITY: <b>SR-5-90</b>	ANALYST & DATE:	
SAMPLE TYPE: Unimodal, Moderately Well Sorted	TEXTURAL GROUP: Slightly Gravelly Sand	
SEDIMENT NAME: Slightly Very Fine Gravelly Fine Sand		

			GRAIN SIZE DISTRIBUTION		
	$\mu\text{m}$	$\phi$			
MODE 1:	215.0	2.237	GRAVEL:	0.2%	COARSE SAND: 1.6%
MODE 2:			SAND:	99.7%	MEDIUM SAND: 20.4%
MODE 3:			MUD:	0.1%	FINE SAND: 70.2%
D <sub>10</sub> :	130.1	1.608			V FINE SAND: 7.0%
MEDIAN or D <sub>50</sub> :	203.5	2.297	V COARSE GRAVEL:	0.0%	V COARSE SILT: 0.0%
D <sub>90</sub> :	328.1	2.942	COARSE GRAVEL:	0.0%	COARSE SILT: 0.0%
(D <sub>90</sub> / D <sub>10</sub> ):	2.522	1.830	MEDIUM GRAVEL:	0.0%	MEDIUM SILT: 0.0%
(D <sub>90</sub> - D <sub>10</sub> ):	198.0	1.335	FINE GRAVEL:	0.0%	FINE SILT: 0.0%
(D <sub>75</sub> / D <sub>25</sub> ):	1.538	1.307	V FINE GRAVEL:	0.2%	V FINE SILT: 0.0%
(D <sub>75</sub> - D <sub>25</sub> ):	85.90	0.621	V COARSE SAND:	0.5%	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 :	231.2	206.0	2.279	202.4	2.305	Fine Sand
SORTING :	166.0	1.497	0.582	1.446	0.532	Moderately Well Sorted
SKEWNESS :	9.555	0.792	-0.792	0.020	-0.020	Symmetrical
KURTOSIS :	140.7	11.62	11.62	1.197	1.197	Leptokurtic

# GRAIN SIZE DISTRIBUTION

