

## SAMPLE STATISTICS

SIEVING ERROR:	0.0%	VIBRACORE
SAMPLE IDENTITY:	<b>SR-8-540</b>	SIEVE INTERVAL ½ ϕ
SAMPLE TYPE:	Unimodal, Moderately Sorted	ANALYST & DATE:
SEDIMENT NAME:	Very Fine Gravelly Fine Sand	TEXTURAL GROUP: Gravelly Sand

			GRAIN SIZE DISTRIBUTION			
	μm	ϕ				
MODE 1:	215.0	2.237	GRAVEL:	5.8%	COARSE SAND:	3.2%
MODE 2:			SAND:	93.7%	MEDIUM SAND:	19.4%
MODE 3:			MUD:	0.5%	FINE SAND:	61.2%
D <sub>10</sub> :	133.5	0.149			V FINE SAND:	6.2%
MEDIAN or D <sub>50</sub> :	217.9	2.198	V COARSE GRAVEL:	0.0%	V COARSE SILT:	0.1%
D <sub>90</sub> :	901.7	2.905	COARSE GRAVEL:	0.0%	COARSE SILT:	0.1%
(D <sub>90</sub> / D <sub>10</sub> ):	6.756	19.47	MEDIUM GRAVEL:	0.0%	MEDIUM SILT:	0.1%
(D <sub>90</sub> - D <sub>10</sub> ):	768.2	2.756	FINE GRAVEL:	1.9%	FINE SILT:	0.1%
(D <sub>75</sub> / D <sub>25</sub> ):	1.613	1.386	V FINE GRAVEL:	3.9%	V FINE SILT:	0.1%
(D <sub>75</sub> - D <sub>25</sub> ):	110.1	0.690	V COARSE SAND:	3.6%	CLAY:	0.1%

	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN :	471.4	263.5	1.924	225.3	2.150	Fine Sand
SORTING :	839.9	2.343	1.229	1.955	0.967	Moderately Sorted
SKEWNESS :	3.758	1.460	-1.460	0.340	-0.340	Very Coarse Skewed
KURTOSIS :	17.15	7.211	7.211	2.601	2.601	Very Leptokurtic

## GRAIN SIZE DISTRIBUTION

