

### SAMPLE STATISTICS

SIEVING ERROR:	0.0%	VIBRACORE
SAMPLE IDENTITY:	<b>SR-56-55</b>	SIEVE INTERVAL $\frac{1}{2} \phi$
SAMPLE TYPE:	Unimodal, Moderately Sorted	ANALYST & DATE:
SEDIMENT NAME:	Slightly Very Fine Gravelly Medium Sand	TEXTURAL GROUP: Slightly Gravelly Sand

			GRAIN SIZE DISTRIBUTION			
	$\mu\text{m}$	$\phi$				
MODE 1:	215.0	2.237	GRAVEL:	0.0%	COARSE SAND:	9.9%
MODE 2:			SAND:	99.7%	MEDIUM SAND:	44.8%
MODE 3:			MUD:	0.3%	FINE SAND:	38.4%
D <sub>10</sub> :	139.7	0.966			V FINE SAND:	6.0%
MEDIAN or D <sub>50</sub> :	269.9	1.889	V COARSE GRAVEL:	0.0%	V COARSE SILT:	0.1%
D <sub>90</sub> :	511.8	2.840	COARSE GRAVEL:	0.0%	COARSE SILT:	0.1%
(D <sub>90</sub> / D <sub>10</sub> ):	3.664	2.939	MEDIUM GRAVEL:	0.0%	MEDIUM SILT:	0.1%
(D <sub>90</sub> - D <sub>10</sub> ):	372.1	1.873	FINE GRAVEL:	0.0%	FINE SILT:	0.1%
(D <sub>75</sub> / D <sub>25</sub> ):	2.006	1.743	V FINE GRAVEL:	0.0%	V FINE SILT:	0.1%
(D <sub>75</sub> - D <sub>25</sub> ):	196.6	1.005	V COARSE SAND:	0.7%	CLAY:	0.1%

	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	$\mu\text{m}$	$\mu\text{m}$	$\phi$	$\mu\text{m}$	$\phi$	
MEAN :	315.053179	271.2	1.883	274.0	1.868	Medium Sand
SORTING:	175.920502	1.710	0.774	1.665	0.735	Moderately Sorted
SKEWNESS:	2.39042988	-0.770	0.770	0.022	-0.022	Symmetrical
KURTOSIS:	15.9392175	8.225	8.225	1.004	1.004	Mesokurtic



