

### SAMPLE STATISTICS

SIEVING ERROR: 0.0%	VIBRACORE	SIEVE INTERVAL $\frac{1}{2} \phi$
SAMPLE IDENTITY: <b>SR-27-40</b>	ANALYST & DATE:	
SAMPLE TYPE: Unimodal, Moderately Sorted	TEXTURAL GROUP: Slightly Gravelly Sand	
SEDIMENT NAME: Slightly Very Fine Gravelly Fine Sand		

	$\mu\text{m}$	$\phi$	GRAIN SIZE DISTRIBUTION			
MODE 1:	152.5	2.737	GRAVEL:	3.2%	COARSE SAND:	1.3%
MODE 2:			SAND:	93.2%	MEDIUM SAND:	7.6%
MODE 3:			MUD:	3.6%	FINE SAND:	47.8%
D <sub>10</sub> :	80.05	1.714			V FINE SAND:	35.3%
MEDIAN or D <sub>50</sub> :	141.8	2.818	V COARSE GRAVEL:	0.0%	V COARSE SILT:	0.6%
D <sub>90</sub> :	304.9	3.643	COARSE GRAVEL:	0.0%	COARSE SILT:	0.6%
(D <sub>90</sub> / D <sub>10</sub> ):	3.809	2.126	MEDIUM GRAVEL:	0.0%	MEDIUM SILT:	0.6%
(D <sub>90</sub> - D <sub>10</sub> ):	224.8	1.929	FINE GRAVEL:	1.6%	FINE SILT:	0.6%
(D <sub>75</sub> / D <sub>25</sub> ):	1.868	1.383	V FINE GRAVEL:	1.6%	V FINE SILT:	0.6%
(D <sub>75</sub> - D <sub>25</sub> ):	90.92	0.902	V COARSE SAND:	1.1%	CLAY:	0.6%

	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	$\mu\text{m}$	$\mu\text{m}$	$\phi$	$\mu\text{m}$	$\phi$	
MEAN :	295.375539	150.1	2.736	146.2	2.774	Fine Sand
SORTING:	700.491968	2.548	1.349	1.786	0.837	Moderately Sorted
SKEWNESS:	5.34822422	0.421	-0.421	0.220	-0.220	Coarse Skewed
KURTOSIS:	31.9212375	8.753	8.753	1.505	1.505	Very Leptokurtic

# GRAIN SIZE DISTRIBUTION

