

### SAMPLE STATISTICS

SIEVING ERROR: 0.0%	VIBRACORE	SIEVE INTERVAL $\frac{1}{2} \phi$
SAMPLE IDENTITY: <b>SR-39-180</b>	ANALYST & DATE:	
SAMPLE TYPE: Unimodal, Moderately Sorted	TEXTURAL GROUP: Slightly Gravelly Sand	
SEDIMENT NAME: Slightly Very Fine Gravelly Medium Sand		

			GRAIN SIZE DISTRIBUTION			
	$\mu\text{m}$	$\phi$				
MODE 1:	302.5	1.747	GRAVEL:	2.2%	COARSE SAND:	16.8%
MODE 2:			SAND:	97.7%	MEDIUM SAND:	48.5%
MODE 3:			MUD:	0.1%	FINE SAND:	26.6%
D <sub>10</sub> :	197.5	0.222			V FINE SAND:	1.1%
MEDIAN or D <sub>50</sub> :	312.4	1.678	V COARSE GRAVEL:	0.0%	V COARSE SILT:	0.0%
D <sub>90</sub> :	857.2	2.340	COARSE GRAVEL:	0.0%	COARSE SILT:	0.0%
(D <sub>90</sub> / D <sub>10</sub> ):	4.341	10.53	MEDIUM GRAVEL:	0.0%	MEDIUM SILT:	0.0%
(D <sub>90</sub> - D <sub>10</sub> ):	659.7	2.118	FINE GRAVEL:	0.1%	FINE SILT:	0.0%
(D <sub>75</sub> / D <sub>25</sub> ):	2.009	1.962	V FINE GRAVEL:	2.1%	V FINE SILT:	0.0%
(D <sub>75</sub> - D <sub>25</sub> ):	243.2	1.006	V COARSE SAND:	4.7%	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 :	467.356845	362.6	1.463	352.7	1.504	Medium Sand
SORTING:	460.675501	1.846	0.884	1.770	0.824	Moderately Sorted
SKEWNESS:	3.92968577	1.048	-1.048	0.388	-0.388	Very Coarse Skewed
KURTOSIS:	23.1122605	5.445	5.445	1.127	1.127	Leptokurtic

