

### SAMPLE STATISTICS

SIEVING ERROR: 0.0%	VIBRACORE	SIEVE INTERVAL $\frac{1}{2} \phi$
SAMPLE IDENTITY: <b>SR-28-200</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:	1.6%	COARSE SAND:	8.6%
MODE 2:			SAND:	98.3%	MEDIUM SAND:	50.6%
MODE 3:			MUD:	0.0%	FINE SAND:	34.9%
D <sub>10</sub> :	184.5	0.760			V FINE SAND:	1.4%
MEDIAN or D <sub>50</sub> :	287.3	1.799	V COARSE GRAVEL:	0.0%	V COARSE SILT:	0.0%
D <sub>90</sub> :	590.4	2.439	COARSE GRAVEL:	0.0%	COARSE SILT:	0.0%
(D <sub>90</sub> / D <sub>10</sub> ):	3.201	3.207	MEDIUM GRAVEL:	0.0%	MEDIUM SILT:	0.0%
(D <sub>90</sub> - D <sub>10</sub> ):	405.9	1.678	FINE GRAVEL:	0.3%	FINE SILT:	0.0%
(D <sub>75</sub> / D <sub>25</sub> ):	1.769	1.603	V FINE GRAVEL:	1.3%	V FINE SILT:	0.0%
(D <sub>75</sub> - D <sub>25</sub> ):	168.7	0.823	V COARSE SAND:	2.9%	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 :	393.590538	312.1	1.680	298.8	1.743	Medium Sand
SORTING:	434.253743	1.743	0.802	1.628	0.704	Moderately Sorted
SKEWNESS:	5.84936522	1.442	-1.442	0.217	-0.217	Coarse Skewed
KURTOSIS:	46.5885097	7.968	7.968	1.286	1.286	Leptokurtic

