

### SAMPLE STATISTICS

SIEVING ERROR: 0.0%	VIBRACORE	SIEVE INTERVAL $\frac{1}{2} \phi$
SAMPLE IDENTITY: <b>SR-44-150</b>	ANALYST & DATE:	
SAMPLE TYPE: Unimodal, Poorly Sorted	TEXTURAL GROUP: Slightly Gravelly Sand	
SEDIMENT NAME: Slightly Very Fine Gravelly Fine Sand		

			GRAIN SIZE DISTRIBUTION			
	$\mu\text{m}$	$\phi$				
MODE 1:	152.5	2.737	GRAVEL:	2.0%	COARSE SAND:	13.9%
MODE 2:			SAND:	97.6%	MEDIUM SAND:	20.6%
MODE 3:			MUD:	0.4%	FINE SAND:	46.5%
D <sub>10</sub> :	114.0	0.467			V FINE SAND:	13.0%
MEDIAN or D <sub>50</sub> :	214.9	2.219	V COARSE GRAVEL:	0.0%	V COARSE SILT:	0.1%
D <sub>90</sub> :	723.5	3.133	COARSE GRAVEL:	0.0%	COARSE SILT:	0.1%
(D <sub>90</sub> / D <sub>10</sub> ):	6.347	6.709	MEDIUM GRAVEL:	0.0%	MEDIUM SILT:	0.1%
(D <sub>90</sub> - D <sub>10</sub> ):	609.5	2.666	FINE GRAVEL:	0.3%	FINE SILT:	0.1%
(D <sub>75</sub> / D <sub>25</sub> ):	2.766	2.138	V FINE GRAVEL:	1.7%	V FINE SILT:	0.1%
(D <sub>75</sub> - D <sub>25</sub> ):	261.2	1.468	V COARSE SAND:	3.7%	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 :	382.661487	256.6	1.963	251.9	1.989	Medium Sand
SORTING:	506.667932	2.194	1.134	2.090	1.064	Poorly Sorted
SKEWNESS:	4.70383958	0.689	-0.689	0.342	-0.342	Very Coarse Skewed
KURTOSIS:	31.7131544	4.987	4.987	0.975	0.975	Mesokurtic

# GRAIN SIZE DISTRIBUTION

