

## SAMPLE STATISTICS

SIEVING ERROR: 0.0%	VIBRACORE	SIEVE INTERVAL ½ $\phi$
SAMPLE IDENTITY: <b>SR-16-245</b>	ANALYST & DATE:	
SAMPLE TYPE: Trimodal, Very Poorly Sorted	TEXTURAL GROUP: Gravelly Sand	
SEDIMENT NAME: Fine Gravelly Fine Sand		

			GRAIN SIZE DISTRIBUTION			
	$\mu\text{m}$	$\phi$				
MODE 1:	4800.0	-2.243	GRAVEL:	27.3%	COARSE SAND:	8.6%
MODE 2:	215.0	2.237	SAND:	72.5%	MEDIUM SAND:	15.4%
MODE 3:	1200.0	-0.243	MUD:	0.2%	FINE SAND:	34.8%
D <sub>10</sub> :	135.2	-2.234			V FINE SAND:	6.1%
MEDIAN or D <sub>50</sub> :	344.3	1.538	V COARSE GRAVEL:	0.0%	V COARSE SILT:	0.0%
D <sub>90</sub> :	4705.7	2.886	COARSE GRAVEL:	0.0%	COARSE SILT:	0.0%
(D <sub>90</sub> / D <sub>10</sub> ):	34.79	-1.292	MEDIUM GRAVEL:	0.0%	MEDIUM SILT:	0.0%
(D <sub>90</sub> - D <sub>10</sub> ):	4570.4	5.121	FINE GRAVEL:	19.3%	FINE SILT:	0.0%
(D <sub>75</sub> / D <sub>25</sub> ):	13.63	-1.816	V FINE GRAVEL:	7.9%	V FINE SILT:	0.0%
(D <sub>75</sub> - D <sub>25</sub> ):	2343.4	3.769	V COARSE SAND:	7.7%	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 :	1460.8	585.0	0.774	607.6	0.719	Coarse Sand
SORTING :	1814.0	3.957	1.984	4.072	2.026	Very Poorly Sorted
SKEWNESS :	1.077	0.390	-0.390	0.469	-0.469	Very Coarse Skewed
KURTOSIS :	2.415	1.798	1.798	0.595	0.595	Very Platykurtic

