

## SAMPLE STATISTICS

SIEVING ERROR:	0.0%	VIBRACORE
SAMPLE IDENTITY:	<b>SR-6-165</b>	SIEVE INTERVAL ½ ϕ
SAMPLE TYPE:	Trimodal, Poorly Sorted	ANALYST & DATE:
SEDIMENT NAME:	Fine Gravelly Fine Sand	TEXTURAL GROUP: Gravelly Sand

			GRAIN SIZE DISTRIBUTION			
	μm	ϕ				
MODE 1:	215.0	2.237	GRAVEL:	23.5%	COARSE SAND:	9.3%
MODE 2:	4800.0	-2.243	SAND:	76.3%	MEDIUM SAND:	22.6%
MODE 3:	1200.0	-0.243	MUD:	0.2%	FINE SAND:	33.9%
D <sub>10</sub> :	148.3	-2.170			V FINE SAND:	3.7%
MEDIAN or D <sub>50</sub> :	337.9	1.565	V COARSE GRAVEL:	0.0%	V COARSE SILT:	0.0%
D <sub>90</sub> :	4498.8	2.753	COARSE GRAVEL:	0.0%	COARSE SILT:	0.0%
(D <sub>90</sub> / D <sub>10</sub> ):	30.33	-1.269	MEDIUM GRAVEL:	0.0%	MEDIUM SILT:	0.0%
(D <sub>90</sub> - D <sub>10</sub> ):	4350.5	4.923	FINE GRAVEL:	15.4%	FINE SILT:	0.0%
(D <sub>75</sub> / D <sub>25</sub> ):	8.268	-3.025	V FINE GRAVEL:	8.2%	V FINE SILT:	0.0%
(D <sub>75</sub> - D <sub>25</sub> ):	1485.7	3.047	V COARSE SAND:	6.8%	CLAY:	0.0%

	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN :	1291.7	551.5	0.859	609.2	0.715	Coarse Sand
SORTING :	1688.9	3.559	1.831	3.761	1.911	Poorly Sorted
SKEWNESS :	1.329	0.566	-0.566	0.524	-0.524	Very Coarse Skewed
KURTOSIS :	3.079	2.098	2.098	0.710	0.710	Platykurtic

