

SIEVING ERROR: 0.1%			<u><b>SAMPLE STATISTICS</b></u>			
SAMPLE IDENTITY: <b>SR-101-10</b>			ANALYST & DATE: ,			
SAMPLE TYPE: Bimodal, Poorly Sorted			TEXTURAL GROUP: Gravelly Sand			
SEDIMENT NAME: Fine Gravelly Medium Sand						
	$\mu\text{m}$	$\phi$	GRAIN SIZE DISTRIBUTION			
MODE 1:	302.5	1.747	GRAVEL: 8.6%		COARSE SAND: 10.5%	
MODE 2:	4800.0	-2.243	SAND: 91.4%		MEDIUM SAND: 45.2%	
MODE 3:			MUD: 0.0%		FINE SAND: 30.7%	
D <sub>10</sub> :	189.1	-0.587			V FINE SAND: 0.6%	
MEDIAN or D <sub>50</sub> :	311.9	1.681	V COARSE GRAVEL: 0.0%		V COARSE SILT: 0.0%	
D <sub>90</sub> :	1501.8	2.403	COARSE GRAVEL: 0.0%		COARSE SILT: 0.0%	
(D <sub>90</sub> / D <sub>10</sub> ):	7.941	-4.095	MEDIUM GRAVEL: 0.0%		MEDIUM SILT: 0.0%	
(D <sub>90</sub> - D <sub>10</sub> ):	1312.7	2.989	FINE GRAVEL: 6.1%		FINE SILT: 0.0%	
(D <sub>75</sub> / D <sub>25</sub> ):	2.099	2.020	V FINE GRAVEL: 2.5%		V FINE SILT: 0.0%	
(D <sub>75</sub> - D <sub>25</sub> ):	253.0	1.070	V COARSE SAND: 4.3%		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 ( $\bar{x}$ ):	714.5	401.2	1.318	360.3	1.473	Medium Sand
SORTING ( $\sigma$ ):	1140.2	2.385	1.254	2.248	1.169	Poorly Sorted
SKEWNESS ( $Sk$ ):	2.944	1.591	-1.591	0.475	-0.475	Very Coarse Skewed
KURTOSIS ( $K$ ):	10.43	5.059	5.059	1.791	1.791	Very Leptokurtic

