

SIEVING ERROR: 0.2%			<u>SAMPLE STATISTICS</u>			
SAMPLE IDENTITY: <b>SR-64-90</b>			ANALYST & DATE: ,			
SAMPLE TYPE: Bimodal, Poorly Sorted			TEXTURAL GROUP: Gravelly Sand			
SEDIMENT NAME: Very Fine Gravelly Fine Sand						
	$\mu\text{m}$	$\phi$	GRAIN SIZE DISTRIBUTION			
MODE 1:	215.0	2.237	GRAVEL: 17.2%		COARSE SAND: 5.6%	
MODE 2:	3400.0	-1.743	SAND: 80.9%		MEDIUM SAND: 17.3%	
MODE 3:			MUD: 1.8%		FINE SAND: 36.5%	
D <sub>10</sub> :	107.2	-1.595			V FINE SAND: 13.1%	
MEDIAN or D <sub>50</sub> :	243.4	2.038	V COARSE GRAVEL: 0.0%		V COARSE SILT: 0.3%	
D <sub>90</sub> :	3021.6	3.221	COARSE GRAVEL: 0.0%		COARSE SILT: 0.3%	
(D <sub>90</sub> / D <sub>10</sub> ):	28.18	-2.019	MEDIUM GRAVEL: 0.0%		MEDIUM SILT: 0.3%	
(D <sub>90</sub> - D <sub>10</sub> ):	2914.4	4.817	FINE GRAVEL: 4.9%		FINE SILT: 0.3%	
(D <sub>75</sub> / D <sub>25</sub> ):	7.063	-27.643	V FINE GRAVEL: 12.4%		V FINE SILT: 0.3%	
(D <sub>75</sub> - D <sub>25</sub> ):	919.1	2.820	V COARSE SAND: 8.4%		CLAY: 0.3%	
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	$\mu\text{m}$	$\mu\text{m}$	$\phi$	$\mu\text{m}$	$\phi$	
MEAN ( $\bar{x}$ ):	904.1	370.0	1.434	405.7	1.302	Medium Sand
SORTING ( $\sigma$ ):	1287.8	3.738	1.902	3.585	1.842	Poorly Sorted
SKEWNESS ( $Sk$ ):	1.812	0.260	-0.260	0.512	-0.512	Very Coarse Skewed
KURTOSIS ( $K$ ):	5.187	3.054	3.054	0.790	0.790	Platykurtic

