

SIEVING ERROR: 0.3%			<u>SAMPLE STATISTICS</u>			
SAMPLE IDENTITY: <b>SR-75-450</b>			ANALYST & DATE: ,			
SAMPLE TYPE: Trimodal, 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: 17.8%		COARSE SAND: 11.5%	
MODE 2:	427.5	1.247	SAND: 80.9%		MEDIUM SAND: 27.7%	
MODE 3:	3400.0	-1.743	MUD: 1.3%		FINE SAND: 27.9%	
D <sub>10</sub> :	137.7	-1.612	V FINE SAND: 5.3%			
MEDIAN or D <sub>50</sub> :	375.6	1.413	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.2%		
D <sub>90</sub> :	3057.2	2.860	COARSE GRAVEL: 0.0%		COARSE SILT: 0.2%	
(D <sub>90</sub> / D <sub>10</sub> ):	22.20	-1.774	MEDIUM GRAVEL: 0.0%		MEDIUM SILT: 0.2%	
(D <sub>90</sub> - D <sub>10</sub> ):	2919.5	4.472	FINE GRAVEL: 3.7%		FINE SILT: 0.2%	
(D <sub>75</sub> / D <sub>25</sub> ):	5.584	-12.608	V FINE GRAVEL: 14.1%		V FINE SILT: 0.2%	
(D <sub>75</sub> - D <sub>25</sub> ):	931.5	2.481	V COARSE SAND: 8.6%		CLAY: 0.2%	
	METHOD OF MOMENTS		FOLK & WARD METHOD			
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	$\mu\text{m}$	$\mu\text{m}$	$\phi$	$\mu\text{m}$	$\phi$	
MEAN ( $\bar{x}$ ):	966.5	470.9	1.086	514.8	0.958	Coarse Sand
SORTING ( $\sigma$ ):	1231.6	3.317	1.730	3.285	1.716	Poorly Sorted
SKEWNESS ( $Sk$ ):	1.732	0.049	-0.049	0.334	-0.334	Very Coarse Skewed
KURTOSIS ( $K$ ):	4.938	3.430	3.430	0.843	0.843	Platykurtic

