

SIEVING ERROR: 0.3%			<u><b>SAMPLE STATISTICS</b></u>			
SAMPLE IDENTITY: <b>SR-72-450</b>			ANALYST & DATE: ,			
SAMPLE TYPE: Bimodal, Poorly Sorted			TEXTURAL GROUP: Gravelly Sand			
SEDIMENT NAME: Very Fine Gravelly Medium Sand						
	$\mu\text{m}$	$\phi$	GRAIN SIZE DISTRIBUTION			
MODE 1:	302.5	1.747	GRAVEL: 6.8%		COARSE SAND: 8.4%	
MODE 2:	2400.0	-1.243	SAND: 91.8%		MEDIUM SAND: 42.2%	
MODE 3:			MUD: 1.4%		FINE SAND: 27.9%	
D <sub>10</sub> :	135.6	-0.544			V FINE SAND: 6.9%	
MEDIAN or D <sub>50</sub> :	299.3	1.740	V COARSE GRAVEL: 0.0%		V COARSE SILT: 0.2%	
D <sub>90</sub> :	1457.9	2.882	COARSE GRAVEL: 0.0%		COARSE SILT: 0.2%	
(D <sub>90</sub> / D <sub>10</sub> ):	10.75	-5.299	MEDIUM GRAVEL: 0.0%		MEDIUM SILT: 0.2%	
(D <sub>90</sub> - D <sub>10</sub> ):	1322.3	3.426	FINE GRAVEL: 0.2%		FINE SILT: 0.2%	
(D <sub>75</sub> / D <sub>25</sub> ):	2.226	2.041	V FINE GRAVEL: 6.7%		V FINE SILT: 0.2%	
(D <sub>75</sub> - D <sub>25</sub> ):	255.3	1.154	V COARSE SAND: 6.5%		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 ( $\bar{x}$ ):	557.4	337.1	1.569	339.2	1.560	Medium Sand
SORTING ( $\sigma$ ):	721.5	2.580	1.367	2.293	1.197	Poorly Sorted
SKEWNESS ( $Sk$ ):	2.760	-0.062	0.062	0.284	-0.284	Coarse Skewed
KURTOSIS ( $K$ ):	10.54	5.877	5.877	1.619	1.619	Very Leptokurtic

