

SIEVING ERROR: 0.1%			<u><b>SAMPLE STATISTICS</b></u>			
SAMPLE IDENTITY: <b>SR-75-480</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:	427.5	1.247	GRAVEL: 15.4%		COARSE SAND: 16.0%	
MODE 2:	2400.0	-1.243	SAND: 83.8%		MEDIUM SAND: 32.9%	
MODE 3:			MUD: 0.9%		FINE SAND: 20.6%	
D <sub>10</sub> :	169.4	-1.347			V FINE SAND: 3.4%	
MEDIAN or D <sub>50</sub> :	424.8	1.235	V COARSE GRAVEL: 0.0%		V COARSE SILT: 0.1%	
D <sub>90</sub> :	2543.7	2.561	COARSE GRAVEL: 0.0%		COARSE SILT: 0.1%	
(D <sub>90</sub> / D <sub>10</sub> ):	15.01	-1.902	MEDIUM GRAVEL: 0.0%		MEDIUM SILT: 0.1%	
(D <sub>90</sub> - D <sub>10</sub> ):	2374.2	3.908	FINE GRAVEL: 0.4%		FINE SILT: 0.1%	
(D <sub>75</sub> / D <sub>25</sub> ):	4.348	-16.093	V FINE GRAVEL: 15.0%		V FINE SILT: 0.1%	
(D <sub>75</sub> - D <sub>25</sub> ):	839.2	2.120	V COARSE SAND: 10.9%		CLAY: 0.1%	
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	$\mu\text{m}$	$\mu\text{m}$	$\phi$	$\mu\text{m}$	$\phi$	
MEAN ( $\bar{x}$ ):	890.3	513.2	0.962	548.9	0.865	Coarse Sand
SORTING ( $\sigma$ ):	987.2	2.868	1.520	2.856	1.514	Poorly Sorted
SKEWNESS ( $Sk$ ):	1.632	-0.099	0.099	0.301	-0.301	Very Coarse Skewed
KURTOSIS ( $K$ ):	4.660	3.887	3.887	0.894	0.894	Platykurtic

