

SIEVING ERROR: 0.3%			<u><b>SAMPLE STATISTICS</b></u>			
SAMPLE IDENTITY: <b>SR-81-480</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: 16.0%		COARSE SAND: 8.7%	
MODE 2:	2400.0	-1.243	SAND: 82.7%		MEDIUM SAND: 23.8%	
MODE 3:			MUD: 1.3%		FINE SAND: 32.4%	
D <sub>10</sub> :	128.3	-1.436			V FINE SAND: 7.7%	
MEDIAN or D <sub>50</sub> :	304.0	1.718	V COARSE GRAVEL: 0.0%		V COARSE SILT: 0.2%	
D <sub>90</sub> :	2706.5	2.962	COARSE GRAVEL: 0.0%		COARSE SILT: 0.2%	
(D <sub>90</sub> / D <sub>10</sub> ):	21.09	-2.062	MEDIUM GRAVEL: 0.0%		MEDIUM SILT: 0.2%	
(D <sub>90</sub> - D <sub>10</sub> ):	2578.2	4.399	FINE GRAVEL: 4.1%		FINE SILT: 0.2%	
(D <sub>75</sub> / D <sub>25</sub> ):	5.688	-22.146	V FINE GRAVEL: 11.9%		V FINE SILT: 0.2%	
(D <sub>75</sub> - D <sub>25</sub> ):	888.5	2.508	V COARSE SAND: 10.0%		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 ( $\bar{x}$ ):	897.7	423.0	1.241	451.9	1.146	Medium Sand
SORTING ( $\sigma$ ):	1198.7	3.358	1.748	3.295	1.720	Poorly Sorted
SKEWNESS ( $Sk$ ):	1.908	0.152	-0.152	0.425	-0.425	Very Coarse Skewed
KURTOSIS ( $K$ ):	5.803	3.328	3.328	0.854	0.854	Platykurtic

