

SIEVING ERROR: 0.1%			<u><b>SAMPLE STATISTICS</b></u>			
SAMPLE IDENTITY: <b>SR-76-480</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: 14.9%		COARSE SAND: 8.6%	
MODE 2:	2400.0	-1.243	SAND: 84.2%		MEDIUM SAND: 24.2%	
MODE 3:			MUD: 0.9%		FINE SAND: 38.6%	
D <sub>10</sub> :	135.2	-1.416			V FINE SAND: 5.6%	
MEDIAN or D <sub>50</sub> :	282.2	1.825	V COARSE GRAVEL: 0.0%		V COARSE SILT: 0.1%	
D <sub>90</sub> :	2668.0	2.887	COARSE GRAVEL: 0.0%		COARSE SILT: 0.1%	
(D <sub>90</sub> / D <sub>10</sub> ):	19.73	-2.039	MEDIUM GRAVEL: 0.0%		MEDIUM SILT: 0.1%	
(D <sub>90</sub> - D <sub>10</sub> ):	2532.8	4.303	FINE GRAVEL: 3.4%		FINE SILT: 0.1%	
(D <sub>75</sub> / D <sub>25</sub> ):	4.033	5.811	V FINE GRAVEL: 11.5%		V FINE SILT: 0.1%	
(D <sub>75</sub> - D <sub>25</sub> ):	562.8	2.012	V COARSE SAND: 7.3%		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 ( $\bar{x}$ ):	829.8	398.4	1.328	430.1	1.217	Medium Sand
SORTING ( $\sigma$ ):	1159.7	3.137	1.650	3.140	1.651	Poorly Sorted
SKEWNESS ( $Sk$ ):	2.042	0.447	-0.447	0.490	-0.490	Very Coarse Skewed
KURTOSIS ( $K$ ):	6.279	3.393	3.393	1.021	1.021	Mesokurtic

