

SIEVING ERROR: 0.0%			<u><b>SAMPLE STATISTICS</b></u>			
SAMPLE IDENTITY: <b>SR-82-10</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: 12.9%		COARSE SAND: 8.3%	
MODE 2:	3400.0	-1.743	SAND: 87.0%		MEDIUM SAND: 48.4%	
MODE 3:			MUD: 0.0%		FINE SAND: 26.9%	
D <sub>10</sub> :	196.3	-1.245			V FINE SAND: 0.5%	
MEDIAN or D <sub>50</sub> :	312.8	1.677	V COARSE GRAVEL: 0.0%		V COARSE SILT: 0.0%	
D <sub>90</sub> :	2370.3	2.349	COARSE GRAVEL: 0.0%		COARSE SILT: 0.0%	
(D <sub>90</sub> / D <sub>10</sub> ):	12.08	-1.887	MEDIUM GRAVEL: 0.0%		MEDIUM SILT: 0.0%	
(D <sub>90</sub> - D <sub>10</sub> ):	2174.0	3.594	FINE GRAVEL: 0.2%		FINE SILT: 0.0%	
(D <sub>75</sub> / D <sub>25</sub> ):	2.022	1.983	V FINE GRAVEL: 12.7%		V FINE SILT: 0.0%	
(D <sub>75</sub> - D <sub>25</sub> ):	246.9	1.016	V COARSE SAND: 2.9%		CLAY: 0.0%	
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	$\mu\text{m}$	$\mu\text{m}$	$\phi$	$\mu\text{m}$	$\phi$	
MEAN ( $\bar{x}$ ):	700.8	419.3	1.254	403.1	1.311	Medium Sand
SORTING ( $\sigma$ ):	922.7	2.372	1.246	2.251	1.171	Poorly Sorted
SKEWNESS ( $Sk$ ):	2.201	1.305	-1.305	0.560	-0.560	Very Coarse Skewed
KURTOSIS ( $K$ ):	6.525	3.871	3.871	1.651	1.651	Very Leptokurtic

