

SIEVING ERROR: 0.3%			<u><b>SAMPLE STATISTICS</b></u>			
SAMPLE IDENTITY: <b>SR-70-330</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: 15.0%		COARSE SAND: 9.6%	
MODE 2:	2400.0	-1.243	SAND: 82.9%		MEDIUM SAND: 19.4%	
MODE 3:			MUD: 2.1%		FINE SAND: 34.4%	
D <sub>10</sub> :	115.6	-1.391			V FINE SAND: 9.6%	
MEDIAN or D <sub>50</sub> :	281.2	1.830	V COARSE GRAVEL: 0.0%		V COARSE SILT: 0.4%	
D <sub>90</sub> :	2623.2	3.113	COARSE GRAVEL: 0.0%		COARSE SILT: 0.4%	
(D <sub>90</sub> / D <sub>10</sub> ):	22.70	-2.238	MEDIUM GRAVEL: 0.0%		MEDIUM SILT: 0.4%	
(D <sub>90</sub> - D <sub>10</sub> ):	2507.7	4.505	FINE GRAVEL: 2.7%		FINE SILT: 0.4%	
(D <sub>75</sub> / D <sub>25</sub> ):	5.898	250.8	V FINE GRAVEL: 12.3%		V FINE SILT: 0.4%	
(D <sub>75</sub> - D <sub>25</sub> ):	824.6	2.560	V COARSE SAND: 9.9%		CLAY: 0.4%	
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	$\mu\text{m}$	$\mu\text{m}$	$\phi$	$\mu\text{m}$	$\phi$	
MEAN ( $\bar{x}$ ):	844.1	385.5	1.375	417.1	1.261	Medium Sand
SORTING ( $\sigma$ ):	1132.0	3.539	1.823	3.333	1.737	Poorly Sorted
SKEWNESS ( $Sk$ ):	1.908	-0.015	0.015	0.420	-0.420	Very Coarse Skewed
KURTOSIS ( $K$ ):	5.875	3.480	3.480	0.839	0.839	Platykurtic

