

SIEVING ERROR: 0.2%			<u>SAMPLE STATISTICS</u>			
SAMPLE IDENTITY: <b>SR-79-90</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: 13.7%		COARSE SAND: 9.3%	
MODE 2:	2400.0	-1.243	SAND: 85.7%		MEDIUM SAND: 31.0%	
MODE 3:			MUD: 0.5%		FINE SAND: 35.4%	
D <sub>10</sub> :	164.7	-1.316			V FINE SAND: 1.5%	
MEDIAN or D <sub>50</sub> :	313.4	1.674	V COARSE GRAVEL: 0.0%		V COARSE SILT: 0.1%	
D <sub>90</sub> :	2490.1	2.602	COARSE GRAVEL: 0.0%		COARSE SILT: 0.1%	
(D <sub>90</sub> / D <sub>10</sub> ):	15.12	-1.977	MEDIUM GRAVEL: 0.0%		MEDIUM SILT: 0.1%	
(D <sub>90</sub> - D <sub>10</sub> ):	2325.4	3.919	FINE GRAVEL: 2.6%		FINE SILT: 0.1%	
(D <sub>75</sub> / D <sub>25</sub> ):	3.744	6.729	V FINE GRAVEL: 11.1%		V FINE SILT: 0.1%	
(D <sub>75</sub> - D <sub>25</sub> ):	582.1	1.905	V COARSE SAND: 8.5%		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 ( $\bar{x}$ ):	818.9	436.3	1.197	464.1	1.107	Medium Sand
SORTING ( $\sigma$ ):	1087.2	2.829	1.501	2.815	1.493	Poorly Sorted
SKEWNESS ( $Sk$ ):	2.115	0.554	-0.554	0.513	-0.513	Very Coarse Skewed
KURTOSIS ( $K$ ):	6.771	3.536	3.536	0.995	0.995	Mesokurtic

