

SIEVING ERROR: 0.2%			<u>SAMPLE STATISTICS</u>			
SAMPLE IDENTITY: <b>SR-75-540</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: 15.3%		COARSE SAND: 9.7%	
MODE 2:	3400.0	-1.743	SAND: 81.9%		MEDIUM SAND: 26.8%	
MODE 3:			MUD: 2.8%		FINE SAND: 28.5%	
D <sub>10</sub> :	130.1	-1.379			V FINE SAND: 6.2%	
MEDIAN or D <sub>50</sub> :	326.9	1.613	V COARSE GRAVEL: 0.0%		V COARSE SILT: 0.5%	
D <sub>90</sub> :	2600.3	2.942	COARSE GRAVEL: 0.0%		COARSE SILT: 0.5%	
(D <sub>90</sub> / D <sub>10</sub> ):	19.99	-2.134	MEDIUM GRAVEL: 0.0%		MEDIUM SILT: 0.5%	
(D <sub>90</sub> - D <sub>10</sub> ):	2470.2	4.321	FINE GRAVEL: 0.3%		FINE SILT: 0.5%	
(D <sub>75</sub> / D <sub>25</sub> ):	5.393	-19.240	V FINE GRAVEL: 15.0%		V FINE SILT: 0.5%	
(D <sub>75</sub> - D <sub>25</sub> ):	885.3	2.431	V COARSE SAND: 10.8%		CLAY: 0.5%	
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	$\mu\text{m}$	$\mu\text{m}$	$\phi$	$\mu\text{m}$	$\phi$	
MEAN ( $\bar{x}$ ):	844.4	417.0	1.262	468.7	1.093	Medium Sand
SORTING ( $\sigma$ ):	1020.2	3.486	1.802	3.191	1.674	Poorly Sorted
SKEWNESS ( $Sk$ ):	1.592	-0.376	0.376	0.360	-0.360	Very Coarse Skewed
KURTOSIS ( $K$ ):	4.365	4.079	4.079	0.873	0.873	Platykurtic

