

SIEVING ERROR: 0.2%			<b><u>SAMPLE STATISTICS</u></b>			
SAMPLE IDENTITY: <b>SR-97-30</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:	215.0	2.237	GRAVEL: 16.0%		COARSE SAND: 8.5%	
MODE 2:	3400.0	-1.743	SAND: 83.8%		MEDIUM SAND: 32.3%	
MODE 3:			MUD: 0.2%		FINE SAND: 32.0%	
D <sub>10</sub> :	164.6	-1.543			V FINE SAND: 2.6%	
MEDIAN or D <sub>50</sub> :	319.4	1.646	V COARSE GRAVEL: 0.0%		V COARSE SILT: 0.0%	
D <sub>90</sub> :	2914.3	2.603	COARSE GRAVEL: 0.0%		COARSE SILT: 0.0%	
(D <sub>90</sub> / D <sub>10</sub> ):	17.71	-1.687	MEDIUM GRAVEL: 0.0%		MEDIUM SILT: 0.0%	
(D <sub>90</sub> - D <sub>10</sub> ):	2749.7	4.146	FINE GRAVEL: 4.6%		FINE SILT: 0.0%	
(D <sub>75</sub> / D <sub>25</sub> ):	4.318	22.71	V FINE GRAVEL: 11.4%		V FINE SILT: 0.0%	
(D <sub>75</sub> - D <sub>25</sub> ):	718.3	2.110	V COARSE SAND: 8.3%		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 ( $\bar{x}$ ):	914.3	465.0	1.105	494.6	1.016	Medium Sand
SORTING ( $\sigma$ ):	1228.8	2.922	1.547	2.994	1.582	Poorly Sorted
SKEWNESS ( $Sk$ ):	1.947	0.722	-0.722	0.524	-0.524	Very Coarse Skewed
KURTOSIS ( $K$ ):	5.762	2.873	2.873	0.941	0.941	Mesokurtic

