

SIEVING ERROR: 0.9%			<u>SAMPLE STATISTICS</u>			
SAMPLE IDENTITY: <b>AL-93-2_350</b>			ANALYST & DATE: TB/RM, 7/29/93			
SAMPLE TYPE: Bimodal, Moderately Well Sorted			TEXTURAL GROUP: Sand			
SEDIMENT NAME: Moderately Well Sorted Fine Sand						
	$\mu\text{m}$	$\phi$	GRAIN SIZE DISTRIBUTION			
MODE 1:	273.5	1.876	GRAVEL: 0.0%		COARSE SAND: 2.3%	
MODE 2:	193.5	2.375	SAND: 98.7%		MEDIUM SAND: 35.2%	
MODE 3:			MUD: 1.3%		FINE SAND: 53.1%	
D <sub>10</sub> :	127.0	1.526			V FINE SAND: 8.0%	
MEDIAN or D <sub>50</sub> :	213.5	2.228	V COARSE GRAVEL: 0.0%		V COARSE SILT: 1.3%	
D <sub>90</sub> :	347.2	2.977	COARSE GRAVEL: 0.0%		COARSE SILT: 0.0%	
(D <sub>90</sub> / D <sub>10</sub> ):	2.734	1.951	MEDIUM GRAVEL: 0.0%		MEDIUM SILT: 0.0%	
(D <sub>90</sub> - D <sub>10</sub> ):	220.2	1.451	FINE GRAVEL: 0.0%		FINE SILT: 0.0%	
(D <sub>75</sub> / D <sub>25</sub> ):	1.654	1.392	V FINE GRAVEL: 0.0%		V FINE SILT: 0.0%	
(D <sub>75</sub> - D <sub>25</sub> ):	109.4	0.726	V COARSE SAND: 0.0%		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 ( $\bar{x}$ ):	233.4	213.1	2.231	210.2	2.250	Fine Sand
SORTING ( $\sigma$ ):	103.1	1.525	0.609	1.477	0.563	Moderately Well Sorted
SKEWNESS ( $Sk$ ):	1.832	-0.231	0.231	-0.030	0.030	Symmetrical
KURTOSIS ( $K$ ):	10.11	3.998	3.998	1.131	1.131	Leptokurtic

