

SIEVING ERROR: 1.0%			<u>SAMPLE STATISTICS</u>			
SAMPLE IDENTITY: <b>AL-93-1_75</b>			ANALYST & DATE: TB/RM, 7/28/93			
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:	137.0	2.873	GRAVEL: 0.0%		COARSE SAND: 1.2%	
MODE 2:	273.5	1.876	SAND: 97.8%		MEDIUM SAND: 11.2%	
MODE 3:			MUD: 2.2%		FINE SAND: 62.7%	
D <sub>10</sub> :	106.2	1.917			V FINE SAND: 22.3%	
MEDIAN or D <sub>50</sub> :	156.0	2.681	V COARSE GRAVEL: 0.0%		V COARSE SILT: 2.2%	
D <sub>90</sub> :	264.8	3.236	COARSE GRAVEL: 0.0%		COARSE SILT: 0.0%	
(D <sub>90</sub> / D <sub>10</sub> ):	2.494	1.688	MEDIUM GRAVEL: 0.0%		MEDIUM SILT: 0.0%	
(D <sub>90</sub> - D <sub>10</sub> ):	158.7	1.319	FINE GRAVEL: 0.0%		FINE SILT: 0.0%	
(D <sub>75</sub> / D <sub>25</sub> ):	1.589	1.287	V FINE GRAVEL: 0.0%		V FINE SILT: 0.0%	
(D <sub>75</sub> - D <sub>25</sub> ):	73.85	0.668	V COARSE SAND: 0.3%		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 ( $\bar{x}$ ):	177.2	160.4	2.640	160.0	2.644	Fine Sand
SORTING ( $\sigma$ ):	101.0	1.508	0.593	1.437	0.523	Moderately Well Sorted
SKEWNESS ( $Sk$ ):	4.651	0.669	-0.669	0.075	-0.075	Symmetrical
KURTOSIS ( $K$ ):	35.88	5.766	5.766	1.081	1.081	Mesokurtic

