

SIEVING ERROR: 4.7%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **AL-93-2\_450**

ANALYST &amp; DATE: TB/RM, 7/29/93

SAMPLE TYPE: Unimodal, 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: 3.9%		
MODE 2:			SAND: 98.7%	MEDIUM SAND: 37.2%		
MODE 3:			MUD: 1.3%	FINE SAND: 48.8%		
D <sub>10</sub> :	125.3	1.422		V FINE SAND: 8.6%		
MEDIAN or D <sub>50</sub> :	224.9	2.153	V COARSE GRAVEL: 0.0%	V COARSE SILT: 1.3%		
D <sub>90</sub> :	373.3	2.997	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D <sub>90</sub> / D <sub>10</sub> ):	2.980	2.108	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D <sub>90</sub> - D <sub>10</sub> ):	248.0	1.575	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D <sub>75</sub> / D <sub>25</sub> ):	1.770	1.451	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
(D <sub>75</sub> - D <sub>25</sub> ):	122.8	0.823	V COARSE SAND: 0.2%	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 ( $\bar{x}$ ):	243.0	217.4	2.201	213.8	2.226	Fine Sand
SORTING ( $\sigma$ ):	124.9	1.582	0.662	1.537	0.620	Moderately Well Sorted
SKEWNESS ( $Sk$ ):	2.320	0.028	-0.028	-0.088	0.088	Symmetrical
KURTOSIS ( $K$ ):	12.29	3.823	3.823	1.068	1.068	Mesokurtic

**GRAIN SIZE DISTRIBUTION**