

SIEVING ERROR: 1.0%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **AL-93-2\_400**

ANALYST &amp; 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: 3.6%		
MODE 2:	193.5	2.375	SAND: 98.8%	MEDIUM SAND: 34.8%		
MODE 3:			MUD: 1.2%	FINE SAND: 52.7%		
$D_{10}$ :	128.6	1.463		V FINE SAND: 7.5%		
MEDIAN or $D_{50}$ :	215.8	2.212	V COARSE GRAVEL: 0.0%	V COARSE SILT: 1.2%		
$D_{90}$ :	362.8	2.959	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
$(D_{90} / D_{10})$ :	2.821	2.023	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$ :	234.2	1.496	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
$(D_{75} / D_{25})$ :	1.652	1.393	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$ :	110.2	0.724	V COARSE SAND: 0.1%	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 ( $\bar{x}$ ):	240.5	217.4	2.201	214.2	2.223	Fine Sand
SORTING ( $\sigma$ ):	117.1	1.548	0.630	1.498	0.583	Moderately Well Sorted
SKEWNESS ( $Sk$ ):	2.266	-0.001	0.001	0.013	-0.013	Symmetrical
KURTOSIS ( $K$ ):	11.92	4.127	4.127	1.187	1.187	Leptokurtic

**GRAIN SIZE DISTRIBUTION**