

SIEVING ERROR: 0.5%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **AL-91-2\_150**

ANALYST &amp; DATE: TB/RM, 8/16/91

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:	193.5	2.375	GRAVEL: 0.0%	COARSE SAND: 6.8%		
MODE 2:	273.5	1.876	SAND: 99.6%	MEDIUM SAND: 22.5%		
MODE 3:			MUD: 0.4%	FINE SAND: 61.1%		
$D_{10}$ :	126.3	1.245		V FINE SAND: 8.8%		
MEDIAN or $D_{50}$ :	194.3	2.363	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.4%		
$D_{90}$ :	421.8	2.985	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
$(D_{90} / D_{10})$ :	3.338	2.396	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$ :	295.4	1.739	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
$(D_{75} / D_{25})$ :	1.722	1.410	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$ :	111.5	0.784	V COARSE SAND: 0.4%	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 ( $\bar{x}$ ):	241.7	210.7	2.247	201.7	2.310	Fine Sand
SORTING ( $\sigma$ ):	153.7	1.616	0.693	1.563	0.645	Moderately Well Sorted
SKEWNESS ( $Sk$ ):	2.608	0.872	-0.872	0.230	-0.230	Coarse Skewed
KURTOSIS ( $K$ ):	11.05	4.156	4.156	1.228	1.228	Leptokurtic

**GRAIN SIZE DISTRIBUTION**