

SIEVING ERROR: 0.3%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **AL-91-12\_200**

ANALYST &amp; DATE: TB/RM, 8/17/91

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:	273.5	1.876	GRAVEL: 0.0%	COARSE SAND: 5.0%		
MODE 2:	193.5	2.375	SAND: 100.0%	MEDIUM SAND: 45.6%		
MODE 3:			MUD: 0.0%	FINE SAND: 46.9%		
$D_{10}$ :	167.8	1.197		V FINE SAND: 1.0%		
MEDIAN or $D_{50}$ :	253.3	1.981	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
$D_{90}$ :	436.2	2.575	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
$(D_{90} / D_{10})$ :	2.599	2.151	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$ :	268.4	1.378	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
$(D_{75} / D_{25})$ :	1.519	1.344	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$ :	101.5	0.603	V COARSE SAND: 1.4%	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 ( $\bar{x}$ ):	283.2	257.7	1.956	253.3	1.981	Medium Sand
SORTING ( $\sigma$ ):	150.1	1.484	0.569	1.432	0.518	Moderately Well Sorted
SKEWNESS ( $Sk$ ):	3.078	1.059	-1.059	0.099	-0.099	Symmetrical
KURTOSIS ( $K$ ):	15.27	5.002	5.002	1.249	1.249	Leptokurtic

**GRAIN SIZE DISTRIBUTION**