

SIEVING ERROR: 0.5%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **AL-91-16\_333**

ANALYST &amp; DATE: TB/RM, 8/20/91

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: 3.1%		
MODE 2:	273.5	1.876	SAND: 99.9%	MEDIUM SAND: 27.6%		
MODE 3:			MUD: 0.1%	FINE SAND: 60.3%		
$D_{10}$ :	135.4	1.517		V FINE SAND: 5.8%		
MEDIAN or $D_{50}$ :	206.7	2.275	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.1%		
$D_{90}$ :	349.3	2.885	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
$(D_{90} / D_{10})$ :	2.581	1.901	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$ :	214.0	1.368	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
$(D_{75} / D_{25})$ :	1.601	1.360	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$ :	101.6	0.679	V COARSE SAND: 3.0%	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 ( $\bar{x}$ ):	260.7	223.5	2.162	209.2	2.257	Fine Sand
SORTING ( $\sigma$ ):	200.2	1.619	0.695	1.522	0.606	Moderately Well Sorted
SKEWNESS ( $Sk$ ):	3.526	1.427	-1.427	0.205	-0.205	Coarse Skewed
KURTOSIS ( $K$ ):	16.12	6.343	6.343	1.461	1.461	Leptokurtic

**GRAIN SIZE DISTRIBUTION**