

SIEVING ERROR: 0.5%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **AL-91-2\_300**

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

SAMPLE TYPE: Trimodal, Moderately Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Moderately Sorted Fine Sand

	$\mu\text{m}$	$\phi$	GRAIN SIZE DISTRIBUTION			
MODE 1:	193.5	2.375	GRAVEL: 0.0%	COARSE SAND: 13.7%		
MODE 2:	273.5	1.876	SAND: 99.7%	MEDIUM SAND: 30.3%		
MODE 3:	547.5	0.875	MUD: 0.3%	FINE SAND: 45.6%		
$D_{10}$ :	125.9	0.815		V FINE SAND: 9.3%		
MEDIAN or $D_{50}$ :	224.5	2.155	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.3%		
$D_{90}$ :	568.5	2.990	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
$(D_{90} / D_{10})$ :	4.516	3.669	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$ :	442.6	2.175	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
$(D_{75} / D_{25})$ :	2.178	1.743	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$ :	189.7	1.123	V COARSE SAND: 0.8%	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 ( $\bar{x}$ ):	294.0	245.5	2.026	246.6	2.020	Fine Sand
SORTING ( $\sigma$ ):	196.0	1.774	0.827	1.803	0.850	Moderately Sorted
SKEWNESS ( $Sk$ ):	1.718	0.469	-0.469	0.235	-0.235	Coarse Skewed
KURTOSIS ( $K$ ):	5.880	2.681	2.681	0.983	0.983	Mesokurtic

**GRAIN SIZE DISTRIBUTION**