

SIEVING ERROR: 0.6%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **AL-91-9\_150**

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

SAMPLE TYPE: Bimodal, Moderately Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Moderately Well Sorted Medium Sand

	$\mu\text{m}$	$\phi$	GRAIN SIZE DISTRIBUTION			
MODE 1:	273.5	1.876	GRAVEL: 0.0%	COARSE SAND: 6.4%		
MODE 2:	193.5	2.375	SAND: 99.7%	MEDIUM SAND: 42.7%		
MODE 3:			MUD: 0.3%	FINE SAND: 40.9%		
$D_{10}$ :	125.8	1.154		V FINE SAND: 9.5%		
MEDIAN or $D_{50}$ :	247.5	2.015	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.3%		
$D_{90}$ :	449.5	2.991	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
$(D_{90} / D_{10})$ :	3.572	2.592	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$ :	323.6	1.837	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
$(D_{75} / D_{25})$ :	1.740	1.470	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$ :	130.8	0.799	V COARSE SAND: 0.3%	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 ( $\bar{x}$ ):	267.7	237.4	2.074	239.1	2.064	Fine Sand
SORTING ( $\sigma$ ):	140.6	1.614	0.690	1.606	0.683	Moderately Well Sorted
SKEWNESS ( $Sk$ ):	1.945	0.060	-0.060	-0.072	0.072	Symmetrical
KURTOSIS ( $K$ ):	9.189	3.335	3.335	1.188	1.188	Leptokurtic

**GRAIN SIZE DISTRIBUTION**