

SIEVING ERROR: 1.1%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **AL-91-2\_325**

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: 8.5%		
MODE 2:	273.5	1.876	SAND: 99.6%	MEDIUM SAND: 27.1%		
MODE 3:	460.0	1.126	MUD: 0.4%	FINE SAND: 52.1%		
$D_{10}$ :	120.2	1.066		V FINE SAND: 11.4%		
MEDIAN or $D_{50}$ :	199.3	2.327	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.4%		
$D_{90}$ :	477.7	3.056	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
$(D_{90} / D_{10})$ :	3.974	2.868	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$ :	357.5	1.991	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
$(D_{75} / D_{25})$ :	1.902	1.514	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$ :	135.9	0.928	V COARSE SAND: 0.5%	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 ( $\bar{x}$ ):	255.2	217.8	2.199	213.1	2.230	Fine Sand
SORTING ( $\sigma$ ):	166.7	1.695	0.761	1.671	0.740	Moderately Sorted
SKEWNESS ( $Sk$ ):	2.181	0.621	-0.621	0.241	-0.241	Coarse Skewed
KURTOSIS ( $K$ ):	8.539	3.296	3.296	1.092	1.092	Mesokurtic

**GRAIN SIZE DISTRIBUTION**