

SIEVING ERROR: 0.7%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **AL-91-14\_200**

ANALYST &amp; DATE: SA/RM, 8/21/91

SAMPLE TYPE: Trimodal, 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: 7.0%		
MODE 2:	193.5	2.375	SAND: 99.7%	MEDIUM SAND: 39.7%		
MODE 3:	920.5	0.125	MUD: 0.3%	FINE SAND: 50.8%		
$D_{10}$ :	153.7	1.246		V FINE SAND: 2.2%		
MEDIAN or $D_{50}$ :	239.2	2.064	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.3%		
$D_{90}$ :	421.5	2.702	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
$(D_{90} / D_{10})$ :	2.743	2.168	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$ :	267.8	1.456	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
$(D_{75} / D_{25})$ :	1.589	1.379	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$ :	109.2	0.669	V COARSE SAND: 0.0%	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 ( $\bar{x}$ ):	277.7	246.9	2.018	240.2	2.058	Fine Sand
SORTING ( $\sigma$ ):	162.6	1.561	0.642	1.504	0.588	Moderately Well Sorted
SKEWNESS ( $Sk$ ):	2.602	0.831	-0.831	0.132	-0.132	Coarse Skewed
KURTOSIS ( $K$ ):	10.30	4.796	4.796	1.333	1.333	Leptokurtic

**GRAIN SIZE DISTRIBUTION**