

SIEVING ERROR: 0.7%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **AL-91-14\_250**

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

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:	273.5	1.876	GRAVEL: 0.0%	COARSE SAND: 2.6%		
MODE 2:	193.5	2.375	SAND: 99.2%	MEDIUM SAND: 39.9%		
MODE 3:			MUD: 0.8%	FINE SAND: 53.1%		
$D_{10}$ :	142.6	1.529		V FINE SAND: 3.6%		
MEDIAN or $D_{50}$ :	225.1	2.151	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.8%		
$D_{90}$ :	346.6	2.810	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
$(D_{90} / D_{10})$ :	2.431	1.838	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$ :	204.0	1.282	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
$(D_{75} / D_{25})$ :	1.598	1.371	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$ :	105.9	0.676	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 ( $\bar{x}$ ):	245.6	225.3	2.150	222.3	2.169	Fine Sand
SORTING ( $\sigma$ ):	114.9	1.487	0.573	1.419	0.504	Moderately Well Sorted
SKEWNESS ( $Sk$ ):	2.881	0.121	-0.121	-0.010	0.010	Symmetrical
KURTOSIS ( $K$ ):	16.26	5.340	5.340	1.040	1.040	Mesokurtic

**GRAIN SIZE DISTRIBUTION**