

SIEVING ERROR: 0.2%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **AL-91-12\_25**

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

SAMPLE TYPE: Bimodal, Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Well Sorted Fine Sand

	$\mu\text{m}$	$\phi$	GRAIN SIZE DISTRIBUTION			
MODE 1:	193.5	2.375	GRAVEL: 0.0%	COARSE SAND: 1.6%		
MODE 2:	273.5	1.876	SAND: 100.0%	MEDIUM SAND: 37.1%		
MODE 3:			MUD: 0.0%	FINE SAND: 58.8%		
$D_{10}$ :	158.0	1.633		V FINE SAND: 1.7%		
MEDIAN or $D_{50}$ :	222.6	2.167	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
$D_{90}$ :	322.4	2.662	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
$(D_{90} / D_{10})$ :	2.040	1.630	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$ :	164.4	1.029	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
$(D_{75} / D_{25})$ :	1.478	1.302	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$ :	88.86	0.564	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 ( $\bar{x}$ ):	245.3	229.2	2.125	224.2	2.157	Fine Sand
SORTING ( $\sigma$ ):	113.0	1.392	0.477	1.329	0.410	Well Sorted
SKEWNESS ( $Sk$ ):	4.333	1.173	-1.173	0.081	-0.081	Symmetrical
KURTOSIS ( $K$ ):	29.78	7.043	7.043	1.075	1.075	Mesokurtic

**GRAIN SIZE DISTRIBUTION**