

SIEVING ERROR: 0.5%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **AL-91-13\_225**

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

SAMPLE TYPE: Unimodal, 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: 0.3%		
MODE 2:			SAND: 99.5%	MEDIUM SAND: 11.2%		
MODE 3:			MUD: 0.5%	FINE SAND: 74.1%		
$D_{10}$ :	115.7	1.956		V FINE SAND: 14.0%		
MEDIAN or $D_{50}$ :	176.8	2.500	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.5%		
$D_{90}$ :	257.7	3.111	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
$(D_{90} / D_{10})$ :	2.227	1.590	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$ :	142.0	1.155	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
$(D_{75} / D_{25})$ :	1.478	1.248	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$ :	66.92	0.564	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 ( $\bar{x}$ ):	182.4	172.7	2.534	173.6	2.526	Fine Sand
SORTING ( $\sigma$ ):	61.40	1.376	0.460	1.352	0.435	Well Sorted
SKEWNESS ( $Sk$ ):	1.802	-0.106	0.106	-0.060	0.060	Symmetrical
KURTOSIS ( $K$ ):	11.43	4.554	4.554	1.038	1.038	Mesokurtic

**GRAIN SIZE DISTRIBUTION**