

SIEVING ERROR: 0.3%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **AL-91-13\_5**

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:	137.0	2.873	GRAVEL: 0.0%	COARSE SAND: 0.1%		
MODE 2:			SAND: 99.6%	MEDIUM SAND: 1.6%		
MODE 3:			MUD: 0.4%	FINE SAND: 60.2%		
$D_{10}$ :	95.39	2.360		V FINE SAND: 37.7%		
MEDIAN or $D_{50}$ :	136.4	2.875	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.4%		
$D_{90}$ :	194.8	3.390	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
$(D_{90} / D_{10})$ :	2.043	1.437	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$ :	99.45	1.030	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
$(D_{75} / D_{25})$ :	1.466	1.213	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$ :	52.92	0.552	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 ( $\bar{x}$ ):	142.9	136.6	2.872	137.9	2.859	Fine Sand
SORTING ( $\sigma$ ):	43.99	1.331	0.412	1.311	0.391	Well Sorted
SKEWNESS ( $Sk$ ):	2.378	0.054	-0.054	-0.008	0.008	Symmetrical
KURTOSIS ( $K$ ):	21.08	4.353	4.353	0.972	0.972	Mesokurtic

**GRAIN SIZE DISTRIBUTION**