

SIEVING ERROR: 0.4%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **AL-91-12\_5**

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:	273.5	1.876	GRAVEL: 0.0%	COARSE SAND: 5.0%		
MODE 2:	193.5	2.375	SAND: 100.0%	MEDIUM SAND: 44.4%		
MODE 3:			MUD: 0.0%	FINE SAND: 49.7%		
$D_{10}$ :	167.1	1.305		V FINE SAND: 0.9%		
MEDIAN or $D_{50}$ :	248.3	2.010	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
$D_{90}$ :	404.8	2.581	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
$(D_{90} / D_{10})$ :	2.423	1.978	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$ :	237.7	1.277	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
$(D_{75} / D_{25})$ :	1.503	1.331	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$ :	97.66	0.588	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 ( $\bar{x}$ ):	268.6	249.8	2.001	247.4	2.015	Fine Sand
SORTING ( $\sigma$ ):	114.8	1.425	0.511	1.399	0.484	Well Sorted
SKEWNESS ( $Sk$ ):	2.290	0.774	-0.774	0.078	-0.078	Symmetrical
KURTOSIS ( $K$ ):	10.32	4.087	4.087	1.198	1.198	Leptokurtic

**GRAIN SIZE DISTRIBUTION**