

SIEVING ERROR: 0.5%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **AL-91-12\_125**

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: 4.3%		
MODE 2:	193.5	2.375	SAND: 100.0%	MEDIUM SAND: 44.8%		
MODE 3:			MUD: 0.0%	FINE SAND: 49.7%		
$D_{10}$ :	166.5	1.330		V FINE SAND: 1.0%		
MEDIAN or $D_{50}$ :	247.9	2.012	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
$D_{90}$ :	397.7	2.587	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
$(D_{90} / D_{10})$ :	2.389	1.944	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$ :	231.2	1.256	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
$(D_{75} / D_{25})$ :	1.507	1.333	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$ :	98.13	0.591	V COARSE SAND: 0.1%	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 ( $\bar{x}$ ):	267.3	248.8	2.007	246.7	2.019	Fine Sand
SORTING ( $\sigma$ ):	114.8	1.422	0.508	1.394	0.479	Well Sorted
SKEWNESS ( $Sk$ ):	2.557	0.773	-0.773	0.066	-0.066	Symmetrical
KURTOSIS ( $K$ ):	13.14	4.301	4.301	1.174	1.174	Leptokurtic

**GRAIN SIZE DISTRIBUTION**