

SIEVING ERROR: 0.5%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **AL-91-3\_205**

ANALYST &amp; DATE: DM/RM, 8/16/91

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: 0.2%		
MODE 2:	273.5	1.876	SAND: 99.3%	MEDIUM SAND: 40.6%		
MODE 3:			MUD: 0.7%	FINE SAND: 56.1%		
$D_{10}$ :	153.7	1.517		V FINE SAND: 2.4%		
MEDIAN or $D_{50}$ :	225.2	2.150	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.7%		
$D_{90}$ :	349.5	2.701	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
$(D_{90} / D_{10})$ :	2.273	1.781	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$ :	195.7	1.185	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
$(D_{75} / D_{25})$ :	1.541	1.342	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$ :	99.22	0.624	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 ( $\bar{x}$ ):	240.1	226.5	2.142	227.2	2.138	Fine Sand
SORTING ( $\sigma$ ):	79.40	1.401	0.486	1.378	0.462	Well Sorted
SKEWNESS ( $Sk$ ):	0.796	-0.430	0.430	0.047	-0.047	Symmetrical
KURTOSIS ( $K$ ):	3.754	4.411	4.411	1.028	1.028	Mesokurtic

**GRAIN SIZE DISTRIBUTION**