

SIEVING ERROR: 0.9%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **AL-91-3\_290**

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

SAMPLE TYPE: Bimodal, Moderately Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Moderately Well Sorted Fine Sand

	$\mu\text{m}$	$\phi$	GRAIN SIZE DISTRIBUTION			
MODE 1:	193.5	2.375	GRAVEL: 0.0%	COARSE SAND: 0.1%		
MODE 2:	273.5	1.876	SAND: 98.4%	MEDIUM SAND: 30.1%		
MODE 3:			MUD: 1.6%	FINE SAND: 61.2%		
$D_{10}$ :	128.1	1.667		V FINE SAND: 7.0%		
MEDIAN or $D_{50}$ :	199.7	2.324	V COARSE GRAVEL: 0.0%	V COARSE SILT: 1.6%		
$D_{90}$ :	314.9	2.965	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
$(D_{90} / D_{10})$ :	2.459	1.779	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$ :	186.8	1.298	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
$(D_{75} / D_{25})$ :	1.646	1.373	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$ :	103.1	0.719	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 ( $\bar{x}$ ):	216.0	200.7	2.317	200.9	2.316	Fine Sand
SORTING ( $\sigma$ ):	81.00	1.465	0.551	1.436	0.522	Moderately Well Sorted
SKEWNESS ( $Sk$ ):	0.942	-0.419	0.419	0.030	-0.030	Symmetrical
KURTOSIS ( $K$ ):	4.251	3.995	3.995	1.014	1.014	Mesokurtic

**GRAIN SIZE DISTRIBUTION**