

SIEVING ERROR: 0.7%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **AL-91-16\_300**

ANALYST &amp; DATE: SA/RM, 8/20/91

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: 1.3%		
MODE 2:	273.5	1.876	SAND: 99.1%	MEDIUM SAND: 27.3%		
MODE 3:			MUD: 0.9%	FINE SAND: 63.9%		
$D_{10}$ :	131.2	1.760		V FINE SAND: 6.6%		
MEDIAN or $D_{50}$ :	200.8	2.316	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.9%		
$D_{90}$ :	295.2	2.931	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
$(D_{90} / D_{10})$ :	2.251	1.665	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$ :	164.1	1.170	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
$(D_{75} / D_{25})$ :	1.564	1.330	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$ :	93.10	0.645	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 ( $\bar{x}$ ):	216.2	201.9	2.309	202.2	2.306	Fine Sand
SORTING ( $\sigma$ ):	80.80	1.444	0.530	1.392	0.477	Well Sorted
SKEWNESS ( $Sk$ ):	1.586	-0.503	0.503	0.006	-0.006	Symmetrical
KURTOSIS ( $K$ ):	8.195	5.681	5.681	1.028	1.028	Mesokurtic

**GRAIN SIZE DISTRIBUTION**