

SIEVING ERROR: 0.7%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **AL-91-16\_325**

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: 1.6%		
MODE 2:	273.5	1.876	SAND: 98.4%	MEDIUM SAND: 25.4%		
MODE 3:			MUD: 1.6%	FINE SAND: 64.1%		
$D_{10}$ :	127.5	1.764		V FINE SAND: 7.4%		
MEDIAN or $D_{50}$ :	198.2	2.335	V COARSE GRAVEL: 0.0%	V COARSE SILT: 1.5%		
$D_{90}$ :	294.5	2.972	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
$(D_{90} / D_{10})$ :	2.310	1.685	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$ :	167.0	1.208	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
$(D_{75} / D_{25})$ :	1.579	1.334	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$ :	93.38	0.659	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 ( $\bar{x}$ ):	213.3	197.3	2.342	198.8	2.331	Fine Sand
SORTING ( $\sigma$ ):	84.65	1.489	0.574	1.413	0.498	Well Sorted
SKEWNESS ( $Sk$ ):	1.641	-0.705	0.705	-0.011	0.011	Symmetrical
KURTOSIS ( $K$ ):	8.405	6.094	6.094	1.059	1.059	Mesokurtic

**GRAIN SIZE DISTRIBUTION**