

SIEVING ERROR: 0.7%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **AL-91-16\_225**

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: 0.9%		
MODE 2:	273.5	1.876	SAND: 99.4%	MEDIUM SAND: 30.3%		
MODE 3:			MUD: 0.6%	FINE SAND: 63.4%		
D <sub>10</sub> :	139.5	1.741		V FINE SAND: 4.8%		
MEDIAN or D <sub>50</sub> :	206.3	2.277	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.6%		
D <sub>90</sub> :	299.1	2.841	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D <sub>90</sub> / D <sub>10</sub> ):	2.143	1.631	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D <sub>90</sub> - D <sub>10</sub> ):	159.5	1.100	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D <sub>75</sub> / D <sub>25</sub> ):	1.491	1.299	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
(D <sub>75</sub> - D <sub>25</sub> ):	86.61	0.576	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 ( $\bar{x}$ ):	221.9	209.2	2.257	208.8	2.260	Fine Sand
SORTING ( $\sigma$ ):	75.35	1.403	0.488	1.361	0.444	Well Sorted
SKEWNESS ( $Sk$ ):	1.348	-0.512	0.512	0.032	-0.032	Symmetrical
KURTOSIS ( $K$ ):	7.180	5.656	5.656	1.074	1.074	Mesokurtic

**GRAIN SIZE DISTRIBUTION**