

SIEVING ERROR: 0.8%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **AL-91-14\_325**

ANALYST &amp; DATE: SA/RM, 8/21/91

SAMPLE TYPE: Bimodal, Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Well Sorted Medium Sand

	$\mu\text{m}$	$\phi$	GRAIN SIZE DISTRIBUTION			
MODE 1:	273.5	1.876	GRAVEL: 0.0%	COARSE SAND: 1.0%		
MODE 2:	193.5	2.375	SAND: 100.0%	MEDIUM SAND: 73.0%		
MODE 3:			MUD: 0.0%	FINE SAND: 24.1%		
D <sub>10</sub> :	178.1	1.395		V FINE SAND: 1.9%		
MEDIAN or D <sub>50</sub> :	279.4	1.839	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D <sub>90</sub> :	380.2	2.489	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D <sub>90</sub> / D <sub>10</sub> ):	2.135	1.784	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D <sub>90</sub> - D <sub>10</sub> ):	202.1	1.094	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D <sub>75</sub> / D <sub>25</sub> ):	1.330	1.254	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
(D <sub>75</sub> - D <sub>25</sub> ):	80.77	0.412	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 ( $\bar{x}$ ):	283.7	270.5	1.886	269.4	1.892	Medium Sand
SORTING ( $\sigma$ ):	83.26	1.357	0.440	1.339	0.421	Well Sorted
SKEWNESS ( $Sk$ ):	1.196	-0.704	0.704	-0.208	0.208	Fine Skewed
KURTOSIS ( $K$ ):	10.26	4.900	4.900	1.463	1.463	Leptokurtic

**GRAIN SIZE DISTRIBUTION**