

SIEVING ERROR: 0.1%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **AL-91-12\_350**

ANALYST &amp; DATE: TB/RM, 8/17/91

SAMPLE TYPE: Bimodal, Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Well Sorted Fine Sand

	$\mu\text{m}$	$\phi$	GRAIN SIZE DISTRIBUTION			
MODE 1:	273.5	1.876	GRAVEL: 0.0%	COARSE SAND: 4.6%		
MODE 2:	193.5	2.375	SAND: 100.0%	MEDIUM SAND: 44.8%		
MODE 3:			MUD: 0.0%	FINE SAND: 49.6%		
D <sub>10</sub> :	165.2	1.296		V FINE SAND: 1.0%		
MEDIAN or D <sub>50</sub> :	248.3	2.010	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D <sub>90</sub> :	407.3	2.598	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D <sub>90</sub> / D <sub>10</sub> ):	2.466	2.005	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D <sub>90</sub> - D <sub>10</sub> ):	242.1	1.302	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D <sub>75</sub> / D <sub>25</sub> ):	1.521	1.342	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
(D <sub>75</sub> - D <sub>25</sub> ):	100.4	0.605	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 ( $\bar{x}$ ):	267.2	249.0	2.006	248.0	2.012	Fine Sand
SORTING ( $\sigma$ ):	109.5	1.421	0.506	1.404	0.490	Well Sorted
SKEWNESS ( $Sk$ ):	2.043	0.633	-0.633	0.077	-0.077	Symmetrical
KURTOSIS ( $K$ ):	9.370	3.672	3.672	1.157	1.157	Leptokurtic

**GRAIN SIZE DISTRIBUTION**