

SIEVING ERROR: 0.5%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **AL-91-9\_375**

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

SAMPLE TYPE: Unimodal, Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Well Sorted Fine Sand

	$\mu\text{m}$	$\phi$	GRAIN SIZE DISTRIBUTION			
MODE 1:	163.0	2.622	GRAVEL: 0.0%	COARSE SAND: 1.8%		
MODE 2:			SAND: 99.4%	MEDIUM SAND: 6.0%		
MODE 3:			MUD: 0.6%	FINE SAND: 74.1%		
D <sub>10</sub> :	102.6	2.116		V FINE SAND: 17.5%		
MEDIAN or D <sub>50</sub> :	162.7	2.620	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.6%		
D <sub>90</sub> :	230.7	3.285	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D <sub>90</sub> / D <sub>10</sub> ):	2.249	1.553	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D <sub>90</sub> - D <sub>10</sub> ):	128.1	1.169	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D <sub>75</sub> / D <sub>25</sub> ):	1.437	1.220	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
(D <sub>75</sub> - D <sub>25</sub> ):	58.50	0.523	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 ( $\bar{x}$ ):	174.2	160.7	2.638	158.4	2.659	Fine Sand
SORTING ( $\sigma$ ):	82.05	1.458	0.544	1.389	0.474	Well Sorted
SKEWNESS ( $Sk$ ):	3.271	0.414	-0.414	-0.125	0.125	Fine Skewed
KURTOSIS ( $K$ ):	18.48	5.659	5.659	1.439	1.439	Leptokurtic

**GRAIN SIZE DISTRIBUTION**