

SIEVING ERROR: 0.7%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **AL-91-9\_400**

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

SAMPLE TYPE: Unimodal, Moderately Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Moderately Well Sorted Fine Sand

	$\mu\text{m}$	$\phi$	GRAIN SIZE DISTRIBUTION			
MODE 1:	137.0	2.873	GRAVEL: 0.0%	COARSE SAND: 1.8%		
MODE 2:			SAND: 98.9%	MEDIUM SAND: 6.3%		
MODE 3:			MUD: 1.1%	FINE SAND: 61.3%		
D <sub>10</sub> :	90.45	2.092		V FINE SAND: 29.4%		
MEDIAN or D <sub>50</sub> :	147.5	2.761	V COARSE GRAVEL: 0.0%	V COARSE SILT: 1.1%		
D <sub>90</sub> :	234.5	3.467	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D <sub>90</sub> / D <sub>10</sub> ):	2.593	1.657	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D <sub>90</sub> - D <sub>10</sub> ):	144.1	1.375	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D <sub>75</sub> / D <sub>25</sub> ):	1.575	1.269	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
(D <sub>75</sub> - D <sub>25</sub> ):	67.59	0.656	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 ( $\bar{x}$ ):	163.8	148.9	2.748	147.3	2.763	Fine Sand
SORTING ( $\sigma$ ):	85.42	1.504	0.588	1.437	0.523	Moderately Well Sorted
SKEWNESS ( $Sk$ ):	3.298	0.537	-0.537	-0.007	0.007	Symmetrical
KURTOSIS ( $K$ ):	18.62	5.074	5.074	1.191	1.191	Leptokurtic

**GRAIN SIZE DISTRIBUTION**