

SIEVING ERROR: 0.6%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **AL-91-16\_358**

ANALYST &amp; DATE: TB/RM, 8/20/91

SAMPLE TYPE: Bimodal, Moderately Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Moderately Well Sorted Fine Sand

	$\mu\text{m}$	$\phi$	GRAIN SIZE DISTRIBUTION			
MODE 1:	193.5	2.375	GRAVEL: 0.0%	COARSE SAND: 0.7%		
MODE 2:	273.5	1.876	SAND: 97.6%	MEDIUM SAND: 15.9%		
MODE 3:			MUD: 2.4%	FINE SAND: 61.5%		
$D_{10}$ :	98.05	1.861		V FINE SAND: 19.1%		
MEDIAN or $D_{50}$ :	175.4	2.511	V COARSE GRAVEL: 0.0%	V COARSE SILT: 2.4%		
$D_{90}$ :	275.4	3.350	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
$(D_{90} / D_{10})$ :	2.809	1.801	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$ :	177.3	1.490	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
$(D_{75} / D_{25})$ :	1.666	1.335	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$ :	87.14	0.736	V COARSE SAND: 0.3%	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 ( $\bar{x}$ ):	185.8	167.9	2.575	171.5	2.544	Fine Sand
SORTING ( $\sigma$ ):	97.03	1.551	0.633	1.502	0.587	Moderately Well Sorted
SKEWNESS ( $Sk$ ):	4.474	-0.161	0.161	-0.160	0.160	Fine Skewed
KURTOSIS ( $K$ ):	40.79	4.944	4.944	1.093	1.093	Mesokurtic

**GRAIN SIZE DISTRIBUTION**