

SIEVING ERROR: 1.2%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **AL-91-3\_435**

ANALYST &amp; DATE: DM/RM, 8/16/91

SAMPLE TYPE: Trimodal, Moderately Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Moderately Sorted Fine Sand

	$\mu\text{m}$	$\phi$	GRAIN SIZE DISTRIBUTION			
MODE 1:	273.5	1.876	GRAVEL: 0.0%	COARSE SAND: 0.6%		
MODE 2:	193.5	2.375	SAND: 96.7%	MEDIUM SAND: 37.6%		
MODE 3:	58.00	4.113	MUD: 3.3%	FINE SAND: 46.0%		
$D_{10}$ :	109.0	1.386		V FINE SAND: 12.5%		
MEDIAN or $D_{50}$ :	204.1	2.292	V COARSE GRAVEL: 0.0%	V COARSE SILT: 3.3%		
$D_{90}$ :	382.6	3.197	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
$(D_{90} / D_{10})$ :	3.510	2.307	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$ :	273.6	1.811	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
$(D_{75} / D_{25})$ :	1.944	1.533	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$ :	139.6	0.959	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 ( $\bar{x}$ ):	227.1	202.0	2.308	204.8	2.288	Fine Sand
SORTING ( $\sigma$ ):	104.6	1.640	0.714	1.656	0.728	Moderately Sorted
SKEWNESS ( $Sk$ ):	0.659	-0.443	0.443	-0.054	0.054	Symmetrical
KURTOSIS ( $K$ ):	2.890	2.930	2.930	1.052	1.052	Mesokurtic

**GRAIN SIZE DISTRIBUTION**