

SIEVING ERROR: 1.4%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **AL-91-1 (0-5cm)**

ANALYST &amp; DATE: DM/RM, 11/4/91

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: 0.5%		
MODE 2:	273.5	1.876	SAND: 99.0%	MEDIUM SAND: 32.4%		
MODE 3:			MUD: 1.0%	FINE SAND: 58.2%		
$D_{10}$ :	127.8	1.508		V FINE SAND: 7.8%		
MEDIAN or $D_{50}$ :	204.6	2.289	V COARSE GRAVEL: 0.0%	V COARSE SILT: 1.0%		
$D_{90}$ :	351.6	2.968	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
$(D_{90} / D_{10})$ :	2.751	1.968	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$ :	223.8	1.460	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
$(D_{75} / D_{25})$ :	1.664	1.390	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$ :	108.2	0.734	V COARSE SAND: 0.0%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic $\mu\text{m}$	Geometric $\mu\text{m}$	Logarithmic $\phi$	Geometric $\mu\text{m}$	Logarithmic $\phi$	Description
MEAN ( $\bar{x}$ ):	225.8	208.3	2.263	206.3	2.277	Fine Sand
SORTING ( $\sigma$ ):	90.08	1.488	0.573	1.469	0.554	Moderately Well Sorted
SKEWNESS ( $Sk$ ):	0.996	-0.223	0.223	0.055	-0.055	Symmetrical
KURTOSIS ( $K$ ):	3.965	3.505	3.505	1.071	1.071	Mesokurtic

**GRAIN SIZE DISTRIBUTION**