

SIEVING ERROR: 1.3%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **AL-91-1 (95-105cm)**

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

SAMPLE TYPE: Polymodal, 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: 0.8%		
MODE 2:	273.5	1.876	SAND: 96.8%	MEDIUM SAND: 21.5%		
MODE 3:	460.0	1.126	MUD: 3.2%	FINE SAND: 59.1%		
$D_{10}$ :	107.3	1.621		V FINE SAND: 15.3%		
MEDIAN or $D_{50}$ :	179.7	2.476	V COARSE GRAVEL: 0.0%	V COARSE SILT: 3.2%		
$D_{90}$ :	325.2	3.220	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
$(D_{90} / D_{10})$ :	3.030	1.987	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$ :	217.9	1.599	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
$(D_{75} / D_{25})$ :	1.758	1.394	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$ :	102.9	0.814	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 ( $\bar{x}$ ):	200.4	179.9	2.475	181.1	2.465	Fine Sand
SORTING ( $\sigma$ ):	95.93	1.582	0.661	1.591	0.670	Moderately Well Sorted
SKEWNESS ( $Sk$ ):	1.333	-0.073	0.073	0.031	-0.031	Symmetrical
KURTOSIS ( $K$ ):	4.834	3.297	3.297	1.218	1.218	Leptokurtic

**GRAIN SIZE DISTRIBUTION**