

SIEVING ERROR: 0.4%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **AL-91-3\_100**

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

SAMPLE TYPE: Bimodal, Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Well Sorted Fine Sand

	$\mu\text{m}$	$\phi$	GRAIN SIZE DISTRIBUTION			
MODE 1:	193.5	2.375	GRAVEL: 0.0%	COARSE SAND: 0.0%		
MODE 2:	273.5	1.876	SAND: 100.0%	MEDIUM SAND: 28.0%		
MODE 3:			MUD: 0.0%	FINE SAND: 70.0%		
$D_{10}$ :	152.2	1.762		V FINE SAND: 2.0%		
MEDIAN or $D_{50}$ :	203.5	2.297	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
$D_{90}$ :	294.8	2.716	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
$(D_{90} / D_{10})$ :	1.937	1.541	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$ :	142.6	0.954	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
$(D_{75} / D_{25})$ :	1.458	1.277	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$ :	80.72	0.544	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 ( $\bar{x}$ ):	219.3	210.5	2.248	209.3	2.257	Fine Sand
SORTING ( $\sigma$ ):	62.14	1.311	0.391	1.318	0.399	Well Sorted
SKEWNESS ( $Sk$ ):	1.005	0.191	-0.191	0.145	-0.145	Coarse Skewed
KURTOSIS ( $K$ ):	4.198	3.113	3.113	1.000	1.000	Mesokurtic

**GRAIN SIZE DISTRIBUTION**