

SIEVING ERROR: 0.5%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **AL-91-3\_60**

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: 30.8%		
MODE 3:			MUD: 0.0%	FINE SAND: 67.4%		
$D_{10}$ :	154.7	1.762		V FINE SAND: 1.7%		
MEDIAN or $D_{50}$ :	208.7	2.260	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
$D_{90}$ :	294.8	2.693	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
$(D_{90} / D_{10})$ :	1.906	1.528	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$ :	140.1	0.930	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
$(D_{75} / D_{25})$ :	1.448	1.276	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$ :	81.04	0.534	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 ( $\bar{x}$ ):	222.5	214.2	2.223	213.6	2.227	Fine Sand
SORTING ( $\sigma$ ):	58.67	1.300	0.378	1.301	0.379	Well Sorted
SKEWNESS ( $Sk$ ):	0.708	-0.125	0.125	0.104	-0.104	Coarse Skewed
KURTOSIS ( $K$ ):	3.643	3.422	3.422	0.959	0.959	Mesokurtic

**GRAIN SIZE DISTRIBUTION**