

SIEVING ERROR: 0.1%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **AL-91-15\_5**

ANALYST &amp; DATE: TB/RM, 8/20/91

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: 1.3%		
MODE 2:	273.5	1.876	SAND: 100.0%	MEDIUM SAND: 32.2%		
MODE 3:			MUD: 0.0%	FINE SAND: 65.2%		
$D_{10}$ :	157.2	1.760		V FINE SAND: 1.1%		
MEDIAN or $D_{50}$ :	211.9	2.238	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
$D_{90}$ :	295.2	2.669	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
$(D_{90} / D_{10})$ :	1.878	1.517	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$ :	138.1	0.909	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
$(D_{75} / D_{25})$ :	1.449	1.280	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$ :	82.30	0.535	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 ( $\bar{x}$ ):	231.3	220.3	2.183	217.1	2.204	Fine Sand
SORTING ( $\sigma$ ):	81.46	1.331	0.413	1.296	0.374	Well Sorted
SKEWNESS ( $Sk$ ):	3.503	0.797	-0.797	0.125	-0.125	Coarse Skewed
KURTOSIS ( $K$ ):	25.70	5.923	5.923	0.966	0.966	Mesokurtic

**GRAIN SIZE DISTRIBUTION**