

SIEVING ERROR: 0.1%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **AL-91-13\_25**

ANALYST &amp; DATE: TB/RM, 8/17/91

SAMPLE TYPE: Bimodal, Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Well Sorted Fine Sand

	$\mu\text{m}$	$\phi$	GRAIN SIZE DISTRIBUTION			
MODE 1:	115.0	3.126	GRAVEL: 0.0%	COARSE SAND: 0.2%		
MODE 2:	193.5	2.375	SAND: 99.7%	MEDIUM SAND: 1.9%		
MODE 3:			MUD: 0.3%	FINE SAND: 62.4%		
$D_{10}$ :	97.67	2.319		V FINE SAND: 35.2%		
MEDIAN or $D_{50}$ :	140.7	2.829	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.3%		
$D_{90}$ :	200.4	3.356	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
$(D_{90} / D_{10})$ :	2.052	1.447	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$ :	102.7	1.037	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
$(D_{75} / D_{25})$ :	1.524	1.242	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$ :	60.34	0.607	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 ( $\bar{x}$ ):	147.8	140.9	2.827	142.2	2.814	Fine Sand
SORTING ( $\sigma$ ):	46.88	1.342	0.425	1.321	0.402	Well Sorted
SKEWNESS ( $Sk$ ):	2.329	0.062	-0.062	-0.030	0.030	Symmetrical
KURTOSIS ( $K$ ):	19.91	4.093	4.093	0.874	0.874	Platykurtic

**GRAIN SIZE DISTRIBUTION**