

SIEVING ERROR: 0.1%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **AL-91-12\_100**

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:	273.5	1.876	GRAVEL: 0.0%	COARSE SAND: 3.6%		
MODE 2:	193.5	2.375	SAND: 100.0%	MEDIUM SAND: 44.8%		
MODE 3:			MUD: 0.0%	FINE SAND: 50.0%		
$D_{10}$ :	166.0	1.510		V FINE SAND: 1.3%		
MEDIAN or $D_{50}$ :	246.1	2.023	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
$D_{90}$ :	351.1	2.591	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
$(D_{90} / D_{10})$ :	2.116	1.716	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$ :	185.2	1.081	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
$(D_{75} / D_{25})$ :	1.487	1.317	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$ :	93.76	0.573	V COARSE SAND: 0.4%	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 ( $\bar{x}$ ):	261.3	243.6	2.038	240.2	2.057	Fine Sand
SORTING ( $\sigma$ ):	115.2	1.409	0.494	1.359	0.443	Well Sorted
SKEWNESS ( $Sk$ ):	3.195	0.934	-0.934	-0.008	0.008	Symmetrical
KURTOSIS ( $K$ ):	18.20	5.376	5.376	1.161	1.161	Leptokurtic

**GRAIN SIZE DISTRIBUTION**