

SIEVING ERROR: 0.2%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **AL-91-16\_343**

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: 1.9%		
MODE 2:	273.5	1.876	SAND: 99.9%	MEDIUM SAND: 26.1%		
MODE 3:			MUD: 0.1%	FINE SAND: 65.7%		
$D_{10}$ :	136.9	1.759		V FINE SAND: 5.3%		
MEDIAN or $D_{50}$ :	201.5	2.311	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.1%		
$D_{90}$ :	295.5	2.869	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
$(D_{90} / D_{10})$ :	2.158	1.631	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$ :	158.6	1.110	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
$(D_{75} / D_{25})$ :	1.540	1.319	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$ :	90.75	0.623	V COARSE SAND: 0.9%	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 ( $\bar{x}$ ):	230.3	210.0	2.252	204.7	2.288	Fine Sand
SORTING ( $\sigma$ ):	133.2	1.463	0.549	1.374	0.459	Well Sorted
SKEWNESS ( $Sk$ ):	4.636	1.271	-1.271	0.084	-0.084	Symmetrical
KURTOSIS ( $K$ ):	30.49	7.562	7.562	1.032	1.032	Mesokurtic

**GRAIN SIZE DISTRIBUTION**