

SIEVING ERROR: 0.9%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **AL-91-9\_225**

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

SAMPLE TYPE: Trimodal, Moderately Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Moderately Sorted Medium Sand

	$\mu\text{m}$	$\phi$	GRAIN SIZE DISTRIBUTION			
MODE 1:	273.5	1.876	GRAVEL: 0.0%	COARSE SAND: 16.1%		
MODE 2:	193.5	2.375	SAND: 99.3%	MEDIUM SAND: 39.0%		
MODE 3:	547.5	0.875	MUD: 0.7%	FINE SAND: 35.2%		
$D_{10}$ :	130.2	0.769		V FINE SAND: 8.1%		
MEDIAN or $D_{50}$ :	264.5	1.919	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.7%		
$D_{90}$ :	586.8	2.941	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
$(D_{90} / D_{10})$ :	4.507	3.824	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$ :	456.6	2.172	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
$(D_{75} / D_{25})$ :	2.215	1.889	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$ :	224.2	1.147	V COARSE SAND: 1.0%	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 ( $\bar{x}$ ):	320.5	270.4	1.887	275.9	1.858	Medium Sand
SORTING ( $\sigma$ ):	197.0	1.779	0.831	1.792	0.842	Moderately Sorted
SKEWNESS ( $Sk$ ):	1.496	0.044	-0.044	0.084	-0.084	Symmetrical
KURTOSIS ( $K$ ):	5.327	2.933	2.933	0.968	0.968	Mesokurtic

**GRAIN SIZE DISTRIBUTION**