

SIEVING ERROR: 0.7%

SAMPLE STATISTICSSAMPLE IDENTITY: **AL-91-14_150**

ANALYST & DATE: SA/RM, 8/21/91

SAMPLE TYPE: Bimodal, Moderately Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Moderately Well Sorted Medium Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	273.5	1.876	GRAVEL: 0.0%	COARSE SAND: 3.9%		
MODE 2:	193.5	2.375	SAND: 99.5%	MEDIUM SAND: 56.5%		
MODE 3:			MUD: 0.5%	FINE SAND: 37.1%		
D_{10} :	161.0	1.318		V FINE SAND: 2.0%		
MEDIAN or D_{50} :	266.1	1.910	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.5%		
D_{90} :	401.0	2.635	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.491	1.999	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	240.0	1.317	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.596	1.410	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	119.4	0.675	V COARSE SAND: 0.0%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	280.8	258.5	1.952	256.7	1.962	Medium Sand
SORTING (σ):	124.7	1.482	0.567	1.424	0.510	Moderately Well Sorted
SKEWNESS (Sk):	2.445	-0.037	0.037	-0.105	0.105	Fine Skewed
KURTOSIS (K):	12.57	5.295	5.295	1.073	1.073	Mesokurtic

GRAIN SIZE DISTRIBUTION