

SIEVING ERROR: 0.7%

SAMPLE STATISTICSSAMPLE IDENTITY: **AL-91-14_125**

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

SAMPLE TYPE: Bimodal, Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Well Sorted Medium Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	273.5	1.876	GRAVEL: 0.0%	COARSE SAND: 2.6%		
MODE 2:	193.5	2.375	SAND: 99.4%	MEDIUM SAND: 55.2%		
MODE 3:			MUD: 0.6%	FINE SAND: 39.5%		
D_{10} :	157.2	1.383		V FINE SAND: 2.2%		
MEDIAN or D_{50} :	262.0	1.932	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.6%		
D_{90} :	383.4	2.669	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.438	1.930	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	226.2	1.286	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.597	1.402	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	116.5	0.676	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}):	269.4	250.2	1.999	251.6	1.991	Medium Sand
SORTING (σ):	108.0	1.459	0.545	1.412	0.498	Well Sorted
SKEWNESS (Sk):	2.149	-0.306	0.306	-0.145	0.145	Fine Skewed
KURTOSIS (K):	12.67	5.258	5.258	1.031	1.031	Mesokurtic

GRAIN SIZE DISTRIBUTION