

SIEVING ERROR: 0.6%

SAMPLE STATISTICSSAMPLE IDENTITY: **AL-91-14_75**

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: 1.9%		
MODE 2:	193.5	2.375	SAND: 99.4%	MEDIUM SAND: 52.9%		
MODE 3:			MUD: 0.6%	FINE SAND: 42.1%		
D_{10} :	154.5	1.444		V FINE SAND: 2.5%		
MEDIAN or D_{50} :	257.3	1.959	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.6%		
D_{90} :	367.5	2.695	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.379	1.866	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	213.0	1.250	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.574	1.378	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	109.7	0.655	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}):	260.7	243.1	2.040	245.7	2.025	Fine Sand
SORTING (σ):	99.88	1.446	0.532	1.404	0.489	Well Sorted
SKEWNESS (Sk):	2.018	-0.390	0.390	-0.176	0.176	Fine Skewed
KURTOSIS (K):	12.88	5.194	5.194	1.029	1.029	Mesokurtic

GRAIN SIZE DISTRIBUTION