

SIEVING ERROR: 0.7%

SAMPLE STATISTICSSAMPLE IDENTITY: **AL-91-14_25**

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: 2.0%		
MODE 2:	193.5	2.375	SAND: 99.0%	MEDIUM SAND: 48.2%		
MODE 3:			MUD: 1.0%	FINE SAND: 45.8%		
D_{10} :	149.6	1.483		V FINE SAND: 3.0%		
MEDIAN or D_{50} :	250.3	1.998	V COARSE GRAVEL: 0.0%	V COARSE SILT: 1.0%		
D_{90} :	357.6	2.741	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.390	1.847	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	208.0	1.257	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.593	1.381	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	109.5	0.672	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}):	254.1	234.9	2.090	238.2	2.070	Fine Sand
SORTING (σ):	105.1	1.479	0.564	1.419	0.505	Moderately Well Sorted
SKEWNESS (Sk):	2.293	-0.398	0.398	-0.175	0.175	Fine Skewed
KURTOSIS (K):	14.18	5.446	5.446	1.031	1.031	Mesokurtic

GRAIN SIZE DISTRIBUTION