

SIEVING ERROR: 0.6%

SAMPLE STATISTICSSAMPLE IDENTITY: **AL-91-9_175**

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

SAMPLE TYPE: Trimodal, Moderately Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Moderately Sorted Medium Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	273.5	1.876	GRAVEL: 0.0%	COARSE SAND: 16.6%		
MODE 2:	193.5	2.375	SAND: 99.9%	MEDIUM SAND: 45.3%		
MODE 3:	547.5	0.875	MUD: 0.1%	FINE SAND: 31.9%		
D_{10} :	145.7	0.836		V FINE SAND: 6.2%		
MEDIAN or D_{50} :	279.1	1.841	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.1%		
D_{90} :	560.2	2.779	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	3.844	3.324	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	414.5	1.943	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	2.154	1.910	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	230.6	1.107	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}):	322.7	284.2	1.815	290.2	1.785	Medium Sand
SORTING (σ):	159.4	1.660	0.731	1.685	0.753	Moderately Sorted
SKEWNESS (Sk):	0.803	-0.183	0.183	0.039	-0.039	Symmetrical
KURTOSIS (K):	2.946	2.557	2.557	0.895	0.895	Platykurtic

GRAIN SIZE DISTRIBUTION