

SIEVING ERROR: 0.3%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-93-1_425**

ANALYST & DATE: TB/RM, 7/29/1993

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: 13.2%		
MODE 2:	193.5	2.375	SAND: 99.9%	MEDIUM SAND: 43.7%		
MODE 3:	460.0	1.126	MUD: 0.1%	FINE SAND: 37.3%		
D_{10} :	140.3	0.887		V FINE SAND: 5.5%		
MEDIAN or D_{50} :	267.2	1.904	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.1%		
D_{90} :	540.6	2.834	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	3.853	3.193	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	400.3	1.946	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	2.154	1.827	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	211.8	1.107	V COARSE SAND: 0.2%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	308.9	269.3	1.893	272.5	1.876	Medium Sand
SORTING (σ):	169.2	1.672	0.741	1.686	0.753	Moderately Sorted
SKEWNESS (Sk):	1.394	0.135	-0.135	0.047	-0.047	Symmetrical
KURTOSIS (K):	5.275	2.610	2.610	0.875	0.875	Platykurtic

GRAIN SIZE DISTRIBUTION