

SIEVING ERROR: 0.3%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-91-11_225**

ANALYST & DATE: TB/RM, 8/20/91

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: 6.0%		
MODE 2:	193.5	2.375	SAND: 99.6%	MEDIUM SAND: 46.6%		
MODE 3:			MUD: 0.4%	FINE SAND: 44.9%		
D_{10} :	158.3	1.176		V FINE SAND: 2.1%		
MEDIAN or D_{50} :	254.5	1.974	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.4%		
D_{90} :	442.7	2.659	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.797	2.262	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	284.4	1.484	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.635	1.423	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	121.4	0.709	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}):	275.3	252.5	1.985	255.5	1.969	Medium Sand
SORTING (σ):	120.5	1.493	0.579	1.475	0.561	Moderately Well Sorted
SKEWNESS (Sk):	1.610	0.141	-0.141	0.053	-0.053	Symmetrical
KURTOSIS (K):	6.668	3.721	3.721	1.101	1.101	Mesokurtic

GRAIN SIZE DISTRIBUTION