

SIEVING ERROR: -0.7%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-91-13_275**

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

SAMPLE TYPE: Bimodal, Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Well Sorted Fine Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	273.5	1.876	GRAVEL: 0.0%	COARSE SAND: 4.7%		
MODE 2:	193.5	2.375	SAND: 99.9%	MEDIUM SAND: 42.0%		
MODE 3:			MUD: 0.1%	FINE SAND: 51.6%		
D_{10} :	164.6	1.283		V FINE SAND: 1.1%		
MEDIAN or D_{50} :	241.7	2.049	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.1%		
D_{90} :	411.0	2.603	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.496	2.029	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	246.3	1.320	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.526	1.343	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	100.5	0.610	V COARSE SAND: 0.6%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	270.0	247.9	2.012	244.7	2.031	Fine Sand
SORTING (σ):	133.4	1.460	0.546	1.409	0.494	Well Sorted
SKEWNESS (Sk):	3.189	0.910	-0.910	0.141	-0.141	Coarse Skewed
KURTOSIS (K):	18.23	5.083	5.083	1.179	1.179	Leptokurtic

GRAIN SIZE DISTRIBUTION