

SIEVING ERROR: 0.7%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-91-13_394**

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:	193.5	2.375	GRAVEL: 0.0%	COARSE SAND: 1.8%		
MODE 2:	273.5	1.876	SAND: 99.9%	MEDIUM SAND: 29.1%		
MODE 3:			MUD: 0.1%	FINE SAND: 67.5%		
D_{10} :	153.4	1.755		V FINE SAND: 1.5%		
MEDIAN or D_{50} :	204.8	2.288	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.1%		
D_{90} :	296.4	2.704	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	1.932	1.541	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	142.9	0.950	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.461	1.283	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	82.76	0.547	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}):	228.6	216.2	2.210	211.9	2.239	Fine Sand
SORTING (σ):	86.75	1.360	0.443	1.326	0.407	Well Sorted
SKEWNESS (Sk):	3.071	0.838	-0.838	0.190	-0.190	Coarse Skewed
KURTOSIS (K):	18.73	5.537	5.537	1.049	1.049	Mesokurtic

GRAIN SIZE DISTRIBUTION