

SIEVING ERROR: 0.1%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-91-13_369**

ANALYST & DATE: TB/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: 2.1%		
MODE 2:	273.5	1.876	SAND: 100.0%	MEDIUM SAND: 30.8%		
MODE 3:			MUD: 0.0%	FINE SAND: 65.7%		
D_{10} :	156.6	1.639		V FINE SAND: 0.9%		
MEDIAN or D_{50} :	209.4	2.255	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D_{90} :	321.1	2.675	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.051	1.632	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	164.6	1.036	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.476	1.295	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	86.33	0.562	V COARSE SAND: 0.4%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	238.7	223.5	2.162	216.3	2.209	Fine Sand
SORTING (σ):	105.7	1.384	0.469	1.338	0.420	Well Sorted
SKEWNESS (Sk):	3.931	1.264	-1.264	0.234	-0.234	Coarse Skewed
KURTOSIS (K):	26.38	6.418	6.418	1.083	1.083	Mesokurtic

GRAIN SIZE DISTRIBUTION