

SIEVING ERROR: -0.1%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-91-12_112**

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: 2.2%		
MODE 2:	193.5	2.375	SAND: 99.9%	MEDIUM SAND: 43.9%		
MODE 3:			MUD: 0.1%	FINE SAND: 52.7%		
D_{10} :	166.4	1.472		V FINE SAND: 1.0%		
MEDIAN or D_{50} :	239.5	2.062	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.1%		
D_{90} :	360.5	2.587	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.167	1.758	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	194.1	1.116	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.493	1.321	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	94.66	0.579	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}):	253.7	240.1	2.058	239.4	2.062	Fine Sand
SORTING (σ):	86.65	1.372	0.456	1.353	0.436	Well Sorted
SKEWNESS (Sk):	1.428	0.229	-0.229	0.067	-0.067	Symmetrical
KURTOSIS (K):	5.786	3.890	3.890	1.085	1.085	Mesokurtic

GRAIN SIZE DISTRIBUTION