

SIEVING ERROR: 0.3%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-92-2_250**

ANALYST & DATE: TB/RM, 8/23/92

SAMPLE TYPE: Bimodal, Moderately Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Moderately 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: 46.2%		
MODE 3:			MUD: 0.1%	FINE SAND: 46.4%		
D_{10} :	155.7	1.254		V FINE SAND: 2.5%		
MEDIAN or D_{50} :	251.5	1.991	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.1%		
D_{90} :	419.2	2.683	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.693	2.140	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	263.6	1.429	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.594	1.389	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	112.5	0.673	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}):	268.4	247.5	2.014	248.4	2.009	Fine Sand
SORTING (σ):	114.9	1.470	0.555	1.453	0.539	Moderately Well Sorted
SKEWNESS (Sk):	1.786	0.271	-0.271	-0.002	0.002	Symmetrical
KURTOSIS (K):	8.108	3.542	3.542	1.135	1.135	Leptokurtic

GRAIN SIZE DISTRIBUTION