

SIEVING ERROR: 0.3%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-93-6_75**

ANALYST & DATE: TB/RM, 7/31/1993

SAMPLE TYPE: Bimodal, Moderately Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Moderately 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: 99.6%	MEDIUM SAND: 23.3%		
MODE 3:			MUD: 0.4%	FINE SAND: 53.6%		
D_{10} :	106.9	1.605		V FINE SAND: 20.8%		
MEDIAN or D_{50} :	175.9	2.507	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.4%		
D_{90} :	328.7	3.226	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	3.076	2.010	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	221.8	1.621	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.912	1.469	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	119.6	0.935	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}):	201.7	180.8	2.467	179.8	2.475	Fine Sand
SORTING (σ):	100.7	1.569	0.649	1.576	0.656	Moderately Well Sorted
SKEWNESS (Sk):	1.647	0.280	-0.280	0.095	-0.095	Symmetrical
KURTOSIS (K):	6.792	2.934	2.934	0.965	0.965	Mesokurtic

GRAIN SIZE DISTRIBUTION