

SIEVING ERROR: 0.2%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-93-2_275**

ANALYST & DATE: TB/RM, 7/29/1993

SAMPLE TYPE: Trimodal, Moderately Sorted

TEXTURAL GROUP: Slightly Gravelly Sand

SEDIMENT NAME: Slightly Very Fine Gravelly Fine Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	273.5	1.876	GRAVEL: 0.3%	COARSE SAND: 22.4%		
MODE 2:	193.5	2.375	SAND: 99.5%	MEDIUM SAND: 34.5%		
MODE 3:	547.5	0.875	MUD: 0.2%	FINE SAND: 35.4%		
D_{10} :	159.9	0.342		V FINE SAND: 2.6%		
MEDIAN or D_{50} :	284.9	1.812	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.2%		
D_{90} :	789.1	2.645	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	4.935	7.739	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	629.2	2.303	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	2.602	2.470	V FINE GRAVEL: 0.3%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	321.2	1.380	V COARSE SAND: 4.5%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	402.2	325.4	1.620	319.7	1.645	Medium Sand
SORTING (σ):	296.3	1.865	0.899	1.849	0.887	Moderately Sorted
SKEWNESS (Sk):	2.086	0.430	-0.430	0.267	-0.267	Coarse Skewed
KURTOSIS (K):	8.894	2.698	2.698	0.848	0.848	Platykurtic

GRAIN SIZE DISTRIBUTION