

SIEVING ERROR: 0.3%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-93-2_75**

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

SAMPLE TYPE: Trimodal, 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: 8.2%		
MODE 2:	193.5	2.375	SAND: 99.5%	MEDIUM SAND: 40.9%		
MODE 3:	460.0	1.126	MUD: 0.5%	FINE SAND: 47.0%		
D_{10} :	151.4	1.064		V FINE SAND: 3.2%		
MEDIAN or D_{50} :	247.6	2.014	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.5%		
D_{90} :	478.3	2.724	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	3.160	2.560	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	326.9	1.660	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.718	1.476	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	134.2	0.781	V COARSE SAND: 0.2%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	280.3	251.7	1.990	256.1	1.965	Medium Sand
SORTING (σ):	141.3	1.562	0.643	1.552	0.634	Moderately Well Sorted
SKEWNESS (Sk):	1.906	0.264	-0.264	0.119	-0.119	Coarse Skewed
KURTOSIS (K):	8.677	3.508	3.508	1.105	1.105	Mesokurtic

GRAIN SIZE DISTRIBUTION