

SIEVING ERROR: 0.2%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-93-2_368**

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

SAMPLE TYPE: Trimodal, Poorly Sorted

TEXTURAL GROUP: Gravelly Sand

SEDIMENT NAME: Very Fine Gravelly Fine Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	193.5	2.375	GRAVEL: 6.6%	COARSE SAND: 8.9%		
MODE 2:	273.5	1.876	SAND: 93.0%	MEDIUM SAND: 27.8%		
MODE 3:	460.0	1.126	MUD: 0.4%	FINE SAND: 46.7%		
D_{10} :	143.8	-0.544		V FINE SAND: 4.4%		
MEDIAN or D_{50} :	243.6	2.037	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.4%		
D_{90} :	1457.8	2.798	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	10.14	-5.145	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	1314.0	3.342	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	2.253	1.902	V FINE GRAVEL: 6.6%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	226.1	1.172	V COARSE SAND: 5.1%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	489.7	307.5	1.701	295.6	1.758	Medium Sand
SORTING (σ):	638.7	2.303	1.203	2.207	1.142	Poorly Sorted
SKEWNESS (Sk):	2.534	1.244	-1.244	0.473	-0.473	Very Coarse Skewed
KURTOSIS (K):	8.569	3.853	3.853	1.450	1.450	Leptokurtic

GRAIN SIZE DISTRIBUTION