

SIEVING ERROR: 0.5%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-92-1_225**

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

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: 5.9%		
MODE 2:	193.5	2.375	SAND: 99.5%	MEDIUM SAND: 37.4%		
MODE 3:	460.0	1.126	MUD: 0.5%	FINE SAND: 50.3%		
D_{10} :	135.6	1.199		V FINE SAND: 5.9%		
MEDIAN or D_{50} :	225.8	2.147	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.5%		
D_{90} :	435.5	2.882	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	3.211	2.404	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	299.9	1.683	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.706	1.437	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	121.8	0.771	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}):	256.9	231.5	2.111	230.5	2.117	Fine Sand
SORTING (σ):	123.6	1.558	0.640	1.547	0.630	Moderately Well Sorted
SKEWNESS (Sk):	1.475	0.154	-0.154	0.099	-0.099	Symmetrical
KURTOSIS (K):	5.465	3.213	3.213	1.144	1.144	Leptokurtic

GRAIN SIZE DISTRIBUTION