

SIEVING ERROR: 0.1%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-92-2_225**

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

SAMPLE TYPE: Bimodal, 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: 4.5%		
MODE 2:	193.5	2.375	SAND: 99.9%	MEDIUM SAND: 44.3%		
MODE 3:			MUD: 0.1%	FINE SAND: 48.8%		
D_{10} :	157.4	1.291		V FINE SAND: 2.2%		
MEDIAN or D_{50} :	246.5	2.021	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.1%		
D_{90} :	408.7	2.667	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.596	2.066	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	251.2	1.376	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.554	1.361	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	105.2	0.636	V COARSE SAND: 0.1%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	265.9	245.6	2.026	245.5	2.026	Fine Sand
SORTING (σ):	115.6	1.459	0.545	1.434	0.520	Moderately Well Sorted
SKEWNESS (Sk):	2.118	0.396	-0.396	0.037	-0.037	Symmetrical
KURTOSIS (K):	10.23	3.930	3.930	1.175	1.175	Leptokurtic

GRAIN SIZE DISTRIBUTION