

SIEVING ERROR: 0.3%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-92-2_300**

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: 4.9%		
MODE 2:	193.5	2.375	SAND: 99.9%	MEDIUM SAND: 42.8%		
MODE 3:			MUD: 0.1%	FINE SAND: 49.4%		
D_{10} :	153.0	1.253		V FINE SAND: 2.7%		
MEDIAN or D_{50} :	242.7	2.043	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.1%		
D_{90} :	419.6	2.708	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.742	2.161	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	266.6	1.455	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.591	1.382	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	110.0	0.670	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}):	266.2	243.9	2.035	243.0	2.041	Fine Sand
SORTING (σ):	122.2	1.485	0.571	1.467	0.553	Moderately Well Sorted
SKEWNESS (Sk):	2.140	0.439	-0.439	0.052	-0.052	Symmetrical
KURTOSIS (K):	10.32	3.684	3.684	1.162	1.162	Leptokurtic

GRAIN SIZE DISTRIBUTION