

SIEVING ERROR: 0.4%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-92-4_25**

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

SAMPLE TYPE: Bimodal, Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Well Sorted Fine Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	273.5	1.876	GRAVEL: 0.0%	COARSE SAND: 3.4%		
MODE 2:	193.5	2.375	SAND: 99.7%	MEDIUM SAND: 43.7%		
MODE 3:			MUD: 0.3%	FINE SAND: 49.6%		
D_{10} :	154.2	1.495		V FINE SAND: 2.8%		
MEDIAN or D_{50} :	241.2	2.052	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.3%		
D_{90} :	354.8	2.698	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.302	1.805	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	200.7	1.203	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.531	1.341	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	99.32	0.614	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}):	256.7	237.2	2.076	235.1	2.088	Fine Sand
SORTING (σ):	116.5	1.454	0.540	1.401	0.487	Well Sorted
SKEWNESS (Sk):	2.916	0.393	-0.393	-0.047	0.047	Symmetrical
KURTOSIS (K):	16.30	5.339	5.339	1.171	1.171	Leptokurtic

GRAIN SIZE DISTRIBUTION