

SIEVING ERROR: 0.5%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-92-3_125**

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

SAMPLE TYPE: Polymodal, Moderately Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Moderately Sorted Medium Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	273.5	1.876	GRAVEL: 0.0%	COARSE SAND: 18.9%		
MODE 2:	460.0	1.126	SAND: 99.9%	MEDIUM SAND: 43.9%		
MODE 3:	193.5	2.375	MUD: 0.1%	FINE SAND: 28.4%		
D_{10} :	128.6	0.799		V FINE SAND: 8.7%		
MEDIAN or D_{50} :	289.4	1.789	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.1%		
D_{90} :	574.9	2.959	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	4.469	3.705	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	446.3	2.160	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	2.454	2.141	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	269.8	1.295	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}):	333.4	285.7	1.807	283.0	1.821	Medium Sand
SORTING (σ):	179.5	1.758	0.814	1.793	0.842	Moderately Sorted
SKEWNESS (Sk):	0.834	-0.209	0.209	-0.062	0.062	Symmetrical
KURTOSIS (K):	3.308	2.289	2.289	0.816	0.816	Platykurtic

GRAIN SIZE DISTRIBUTION