

SIEVING ERROR: 0.8%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-92-3_175**

ANALYST & DATE: SA/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:	547.5	0.875	GRAVEL: 0.0%	COARSE SAND: 30.3%		
MODE 2:	273.5	1.876	SAND: 99.9%	MEDIUM SAND: 38.9%		
MODE 3:	1301.5	-0.375	MUD: 0.1%	FINE SAND: 17.4%		
D_{10} :	157.3	0.083		V FINE SAND: 4.6%		
MEDIAN or D_{50} :	433.1	1.207	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.1%		
D_{90} :	944.1	2.668	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	6.001	32.15	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	786.8	2.585	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	2.239	2.518	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	325.4	1.163	V COARSE SAND: 8.7%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	486.6	398.4	1.328	396.0	1.337	Medium Sand
SORTING (σ):	308.0	1.905	0.929	1.958	0.969	Moderately Sorted
SKEWNESS (Sk):	1.207	-0.206	0.206	-0.143	0.143	Fine Skewed
KURTOSIS (K):	3.998	2.610	2.610	1.158	1.158	Leptokurtic

GRAIN SIZE DISTRIBUTION