

SIEVING ERROR: 0.9%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-92-3_200**

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: 31.3%		
MODE 2:	273.5	1.876	SAND: 99.9%	MEDIUM SAND: 37.3%		
MODE 3:	1301.5	-0.375	MUD: 0.1%	FINE SAND: 16.3%		
D_{10} :	169.0	-0.111		V FINE SAND: 3.8%		
MEDIAN or D_{50} :	450.1	1.152	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.1%		
D_{90} :	1079.6	2.565	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	6.388	-23.209	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	910.6	2.675	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	2.341	2.873	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	363.7	1.227	V COARSE SAND: 11.2%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	518.0	422.1	1.244	428.0	1.224	Medium Sand
SORTING (σ):	329.1	1.921	0.942	1.988	0.991	Moderately Sorted
SKEWNESS (Sk):	1.086	-0.197	0.197	-0.095	0.095	Symmetrical
KURTOSIS (K):	3.424	2.550	2.550	1.093	1.093	Mesokurtic

GRAIN SIZE DISTRIBUTION