

SIEVING ERROR: 0.5%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-91-06_500**

ANALYST & DATE: TC/RM, 8/20/91

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: 25.2%		
MODE 2:	460.0	1.126	SAND: 97.7%	MEDIUM SAND: 46.1%		
MODE 3:	193.5	2.375	MUD: 2.3%	FINE SAND: 20.6%		
D_{10} :	163.8	0.473		V FINE SAND: 3.4%		
MEDIAN or D_{50} :	342.0	1.548	V COARSE GRAVEL: 0.0%	V COARSE SILT: 2.3%		
D_{90} :	720.7	2.610	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	4.399	5.522	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	556.8	2.137	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	2.151	2.171	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	278.3	1.105	V COARSE SAND: 2.4%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	402.1	338.2	1.564	341.0	1.552	Medium Sand
SORTING (σ):	229.5	1.843	0.882	1.807	0.853	Moderately Sorted
SKEWNESS (Sk):	1.059	-0.539	0.539	-0.034	0.034	Symmetrical
KURTOSIS (K):	3.860	3.518	3.518	1.101	1.101	Mesokurtic

GRAIN SIZE DISTRIBUTION