

SIEVING ERROR: 0.7%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-91-06_475**

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: 25.1%		
MODE 2:	547.5	0.875	SAND: 97.2%	MEDIUM SAND: 43.6%		
MODE 3:	193.5	2.375	MUD: 2.8%	FINE SAND: 21.7%		
D_{10} :	156.4	0.378		V FINE SAND: 3.6%		
MEDIAN or D_{50} :	335.3	1.576	V COARSE GRAVEL: 0.0%	V COARSE SILT: 2.8%		
D_{90} :	769.5	2.677	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	4.920	7.081	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	613.1	2.299	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	2.275	2.281	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	295.0	1.186	V COARSE SAND: 3.2%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	404.8	334.7	1.579	339.8	1.557	Medium Sand
SORTING (σ):	242.8	1.900	0.926	1.871	0.904	Moderately Sorted
SKEWNESS (Sk):	1.060	-0.493	0.493	-0.011	0.011	Symmetrical
KURTOSIS (K):	3.670	3.333	3.333	1.081	1.081	Mesokurtic

GRAIN SIZE DISTRIBUTION