

SIEVING ERROR: 0.3%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-91-06_525**

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: 35.3%		
MODE 2:	547.5	0.875	SAND: 99.7%	MEDIUM SAND: 46.7%		
MODE 3:	920.5	0.125	MUD: 0.3%	FINE SAND: 12.9%		
D_{10} :	220.1	0.208		V FINE SAND: 0.6%		
MEDIAN or D_{50} :	435.2	1.200	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.3%		
D_{90} :	865.6	2.183	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	3.932	10.49	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	645.5	1.975	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	2.099	2.460	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	315.1	1.070	V COARSE SAND: 4.2%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	482.1	423.3	1.240	433.9	1.205	Medium Sand
SORTING (σ):	242.0	1.672	0.742	1.670	0.740	Moderately Sorted
SKEWNESS (Sk):	0.859	-0.238	0.238	-0.015	0.015	Symmetrical
KURTOSIS (K):	3.040	2.991	2.991	0.919	0.919	Mesokurtic

GRAIN SIZE DISTRIBUTION