

SIEVING ERROR: 0.7%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-91-06_425**

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

SAMPLE TYPE: Trimodal, 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: 41.9%		
MODE 2:	273.5	1.876	SAND: 99.4%	MEDIUM SAND: 43.0%		
MODE 3:	193.5	2.375	MUD: 0.6%	FINE SAND: 10.6%		
D_{10} :	230.3	0.289		V FINE SAND: 0.8%		
MEDIAN or D_{50} :	469.3	1.091	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.6%		
D_{90} :	818.3	2.118	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	3.552	7.320	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	587.9	1.829	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	2.036	2.488	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	315.6	1.026	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}):	493.7	437.9	1.191	447.1	1.161	Medium Sand
SORTING (σ):	228.2	1.660	0.731	1.640	0.713	Moderately Sorted
SKEWNESS (Sk):	0.663	-0.643	0.643	-0.141	0.141	Fine Skewed
KURTOSIS (K):	3.009	3.863	3.863	0.934	0.934	Mesokurtic

GRAIN SIZE DISTRIBUTION