

SIEVING ERROR: 0.0%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-91-01_405**

ANALYST & DATE: TB/RM, 8/19/91

SAMPLE TYPE: Bimodal, Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Well Sorted Medium Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	273.5	1.876	GRAVEL: 0.0%	COARSE SAND: 17.1%		
MODE 2:	460.0	1.126	SAND: 100.0%	MEDIUM SAND: 81.1%		
MODE 3:			MUD: 0.0%	FINE SAND: 1.8%		
D ₁₀ :	264.5	0.849		V FINE SAND: 0.0%		
MEDIAN or D ₅₀ :	352.6	1.504	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D ₉₀ :	555.3	1.918	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D ₉₀ / D ₁₀):	2.099	2.260	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D ₉₀ - D ₁₀):	290.7	1.070	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D ₇₅ / D ₂₅):	1.572	1.584	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
(D ₇₅ - D ₂₅):	167.8	0.653	V COARSE SAND: 0.0%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	389.7	371.8	1.427	367.0	1.446	Medium Sand
SORTING (σ):	121.8	1.333	0.415	1.328	0.409	Well Sorted
SKEWNESS (Sk):	1.286	0.485	-0.485	0.224	-0.224	Coarse Skewed
KURTOSIS (K):	5.197	2.926	2.926	0.780	0.780	Platykurtic

GRAIN SIZE DISTRIBUTION