

SIEVING ERROR: 0.5%

SAMPLE STATISTICSSAMPLE IDENTITY: **PEN-91-05_5**

ANALYST & DATE: SA/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:	325.5	1.625	GRAVEL: 0.0%	COARSE SAND: 29.9%		
MODE 2:	547.5	0.875	SAND: 99.8%	MEDIUM SAND: 62.1%		
MODE 3:			MUD: 0.2%	FINE SAND: 6.5%		
D ₁₀ :	274.2	0.649		V FINE SAND: 0.4%		
MEDIAN or D ₅₀ :	401.2	1.318	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.2%		
D ₉₀ :	637.7	1.867	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D ₉₀ / D ₁₀):	2.326	2.876	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D ₉₀ - D ₁₀):	363.5	1.218	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D ₇₅ / D ₂₅):	1.626	1.767	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
(D ₇₅ - D ₂₅):	204.2	0.701	V COARSE SAND: 1.0%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	437.8	409.3	1.289	414.3	1.271	Medium Sand
SORTING (σ):	160.0	1.436	0.522	1.392	0.477	Well Sorted
SKEWNESS (Sk):	1.319	-0.428	0.428	0.073	-0.073	Symmetrical
KURTOSIS (K):	6.737	5.279	5.279	0.941	0.941	Mesokurtic

GRAIN SIZE DISTRIBUTION