

SIEVING ERROR: 0.3%

SAMPLE STATISTICSSAMPLE IDENTITY: **PER-93-1_50**

ANALYST & DATE: TB/RM, 7/31/1993

SAMPLE TYPE: Unimodal, Moderately Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Moderately Well Sorted Medium Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	460.0	1.126	GRAVEL: 0.0%	COARSE SAND: 31.2%		
MODE 2:			SAND: 100.0%	MEDIUM SAND: 62.2%		
MODE 3:			MUD: 0.0%	FINE SAND: 5.4%		
D ₁₀ :	267.1	0.601		V FINE SAND: 0.1%		
MEDIAN or D ₅₀ :	433.7	1.205	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D ₉₀ :	659.3	1.905	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D ₉₀ / D ₁₀):	2.469	3.169	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D ₉₀ - D ₁₀):	392.2	1.304	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D ₇₅ / D ₂₅):	1.635	1.787	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
(D ₇₅ - D ₂₅):	208.0	0.709	V COARSE SAND: 1.1%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	453.7	423.4	1.240	419.2	1.254	Medium Sand
SORTING (σ):	169.2	1.436	0.522	1.424	0.510	Moderately Well Sorted
SKEWNESS (Sk):	1.162	-0.046	0.046	-0.064	0.064	Symmetrical
KURTOSIS (K):	4.983	3.242	3.242	0.993	0.993	Mesokurtic

GRAIN SIZE DISTRIBUTION