

SIEVING ERROR: -0.2%

SAMPLE STATISTICSSAMPLE IDENTITY: **020806-4-4a**

ANALYST & DATE: sdej, 9/16/2002

SAMPLE TYPE: Unimodal, Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Well Sorted Medium Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	327.5	1.616	GRAVEL: 0.0%	COARSE SAND: 4.1%		
MODE 2:			SAND: 100.0%	MEDIUM SAND: 78.2%		
MODE 3:			MUD: 0.0%	FINE SAND: 17.6%		
D ₁₀ :	227.4	1.178		V FINE SAND: 0.1%		
MEDIAN or D ₅₀ :	313.2	1.675	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D ₉₀ :	441.9	2.136	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D ₉₀ / D ₁₀):	1.943	1.813	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D ₉₀ - D ₁₀):	214.4	0.958	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D ₇₅ / D ₂₅):	1.427	1.364	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
(D ₇₅ - D ₂₅):	112.5	0.513	V COARSE SAND: 0.1%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	327.8	315.8	1.663	315.3	1.665	Medium Sand
SORTING (σ):	88.37	1.292	0.369	1.289	0.366	Well Sorted
SKEWNESS (Sk):	1.400	0.176	-0.176	0.061	-0.061	Symmetrical
KURTOSIS (K):	9.442	3.657	3.657	0.957	0.957	Mesokurtic

GRAIN SIZE DISTRIBUTION