

SIEVING ERROR: 0.5%

SAMPLE STATISTICSSAMPLE IDENTITY: **020806-5-4a**

ANALYST & DATE: sdej, 9/18/2002

SAMPLE TYPE: Unimodal, Moderately Well Sorted TEXTURAL GROUP: Slightly Gravelly Sand

SEDIMENT NAME: Slightly Very Fine Gravelly Medium Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	231.0	2.119	GRAVEL: 1.1%	COARSE SAND: 7.8%		
MODE 2:			SAND: 98.9%	MEDIUM SAND: 52.5%		
MODE 3:			MUD: 0.0%	FINE SAND: 36.9%		
D ₁₀ :	193.6	1.004		V FINE SAND: 0.7%		
MEDIAN or D ₅₀ :	276.2	1.856	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D ₉₀ :	498.6	2.369	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D ₉₀ / D ₁₀):	2.576	2.360	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D ₉₀ - D ₁₀):	305.0	1.365	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D ₇₅ / D ₂₅):	1.563	1.430	V FINE GRAVEL: 1.1%	V FINE SILT: 0.0%		
(D ₇₅ - D ₂₅):	127.4	0.644	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}):	350.7	299.4	1.740	289.0	1.791	Medium Sand
SORTING (σ):	348.9	1.576	0.656	1.436	0.522	Moderately Well Sorted
SKEWNESS (Sk):	7.051	2.052	-2.052	0.264	-0.264	Coarse Skewed
KURTOSIS (K):	61.39	10.71	10.71	1.155	1.155	Leptokurtic

GRAIN SIZE DISTRIBUTION