

SIEVING ERROR: -1.3%

SAMPLE STATISTICSSAMPLE IDENTITY: **020806-3-2b**

ANALYST & DATE: sdej, 9/16/2002

SAMPLE TYPE: Unimodal, Very Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Very Well Sorted Medium Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	275.0	1.868	GRAVEL: 0.0%	COARSE SAND: 0.8%		
MODE 2:			SAND: 100.0%	MEDIUM SAND: 66.1%		
MODE 3:			MUD: 0.0%	FINE SAND: 32.9%		
D ₁₀ :	214.7	1.402		V FINE SAND: 0.1%		
MEDIAN or D ₅₀ :	274.5	1.865	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D ₉₀ :	378.3	2.220	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D ₉₀ / D ₁₀):	1.762	1.583	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D ₉₀ - D ₁₀):	163.6	0.817	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D ₇₅ / D ₂₅):	1.361	1.273	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
(D ₇₅ - D ₂₅):	85.63	0.445	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}):	287.4	279.0	1.841	277.2	1.851	Medium Sand
SORTING (σ):	69.56	1.249	0.321	1.250	0.321	Very Well Sorted
SKEWNESS (Sk):	2.072	0.445	-0.445	0.092	-0.092	Symmetrical
KURTOSIS (K):	19.38	4.336	4.336	0.984	0.984	Mesokurtic

GRAIN SIZE DISTRIBUTION