

SIEVING ERROR: 0.3%

SAMPLE STATISTICSSAMPLE IDENTITY: **020806-2-1b**

ANALYST & DATE: sdej, 9/9/2002

SAMPLE TYPE: Unimodal, Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Well Sorted Medium Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	275.0	1.868	GRAVEL: 0.0%	COARSE SAND: 5.0%		
MODE 2:			SAND: 100.0%	MEDIUM SAND: 65.0%		
MODE 3:			MUD: 0.0%	FINE SAND: 29.9%		
D_{10} :	214.3	1.209		V FINE SAND: 0.1%		
MEDIAN or D_{50} :	286.0	1.806	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D_{90} :	432.7	2.222	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.019	1.839	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	218.4	1.014	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.458	1.359	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	110.0	0.544	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}):	309.5	295.8	1.757	293.6	1.768	Medium Sand
SORTING (σ):	95.88	1.324	0.405	1.327	0.408	Well Sorted
SKEWNESS (Sk):	1.527	0.525	-0.525	0.167	-0.167	Coarse Skewed
KURTOSIS (K):	6.759	3.484	3.484	1.018	1.018	Mesokurtic

GRAIN SIZE DISTRIBUTION