

SIEVING ERROR: 0.3%

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

ANALYST & DATE: sdej, 9/9/2002

SAMPLE TYPE: Unimodal, Well Sorted

TEXTURAL GROUP: Slightly Gravelly Sand

SEDIMENT NAME: Slightly Very Fine Gravelly Medium Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	275.0	1.868	GRAVEL: 0.0%	COARSE SAND: 5.2%		
MODE 2:			SAND: 100.0%	MEDIUM SAND: 65.9%		
MODE 3:			MUD: 0.0%	FINE SAND: 28.7%		
D_{10} :	214.9	1.176		V FINE SAND: 0.1%		
MEDIAN or D_{50} :	289.2	1.790	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D_{90} :	442.7	2.218	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.060	1.887	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	227.8	1.043	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.466	1.370	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	113.1	0.552	V COARSE SAND: 0.0%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic μm	Geometric μm	Logarithmic ϕ	Geometric μm	Logarithmic ϕ	Description
MEAN (\bar{x}):	314.4	299.4	1.740	296.8	1.753	Medium Sand
SORTING (σ):	117.2	1.334	0.416	1.333	0.414	Well Sorted
SKEWNESS (Sk):	9.434	0.725	-0.725	0.162	-0.162	Coarse Skewed
KURTOSIS (K):	248.0	5.323	5.323	1.013	1.013	Mesokurtic

GRAIN SIZE DISTRIBUTION