

SIEVING ERROR: 1.0%

SAMPLE STATISTICSSAMPLE IDENTITY: **020806-3-4a**

ANALYST & DATE: dckm, 8/22/2002

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:	327.5	1.616	GRAVEL: 0.0%	COARSE SAND: 6.2%		
MODE 2:			SAND: 100.0%	MEDIUM SAND: 75.7%		
MODE 3:			MUD: 0.0%	FINE SAND: 17.9%		
D_{10} :	225.8	1.099		V FINE SAND: 0.2%		
MEDIAN or D_{50} :	318.8	1.649	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D_{90} :	467.0	2.147	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.068	1.954	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	241.1	1.048	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.472	1.409	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	124.7	0.558	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}):	335.3	321.4	1.638	320.0	1.644	Medium Sand
SORTING (σ):	96.88	1.317	0.397	1.315	0.395	Well Sorted
SKEWNESS (Sk):	1.898	0.101	-0.101	0.057	-0.057	Symmetrical
KURTOSIS (K):	33.87	3.430	3.430	0.955	0.955	Mesokurtic

GRAIN SIZE DISTRIBUTION