

SIEVING ERROR: 0.2%

SAMPLE STATISTICSSAMPLE IDENTITY: **020807-6-4a**

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: 11.1%		
MODE 2:			SAND: 100.0%	MEDIUM SAND: 77.9%		
MODE 3:			MUD: 0.0%	FINE SAND: 10.8%		
D_{10} :	245.5	0.966		V FINE SAND: 0.1%		
MEDIAN or D_{50} :	348.4	1.521	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D_{90} :	512.0	2.026	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.086	2.098	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	266.5	1.060	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.475	1.451	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	135.9	0.561	V COARSE SAND: 0.1%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	366.9	350.7	1.512	350.4	1.513	Medium Sand
SORTING (σ):	113.3	1.329	0.410	1.333	0.415	Well Sorted
SKEWNESS (Sk):	2.819	0.164	-0.164	0.037	-0.037	Symmetrical
KURTOSIS (K):	38.38	3.915	3.915	0.987	0.987	Mesokurtic

GRAIN SIZE DISTRIBUTION