

SIEVING ERROR: 1.7%

SAMPLE STATISTICSSAMPLE IDENTITY: **020806-8-1a**

ANALYST & DATE: dckm, 8/16/2002

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:	550.0	0.868	GRAVEL: 0.1%	COARSE SAND: 38.6%		
MODE 2:			SAND: 99.9%	MEDIUM SAND: 58.6%		
MODE 3:			MUD: 0.0%	FINE SAND: 2.4%		
D_{10} :	303.5	0.668		V FINE SAND: 0.1%		
MEDIAN or D_{50} :	456.7	1.131	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D_{90} :	629.3	1.720	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.073	2.574	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	325.8	1.052	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.492	1.672	V FINE GRAVEL: 0.1%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	181.8	0.578	V COARSE SAND: 0.2%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic μm	Geometric μm	Logarithmic ϕ	Geometric μm	Logarithmic ϕ	Description
MEAN (\bar{x}):	467.6	446.7	1.163	446.3	1.164	Medium Sand
SORTING (σ):	142.5	1.338	0.420	1.330	0.412	Well Sorted
SKEWNESS (Sk):	2.696	-0.221	0.221	-0.128	0.128	Fine Skewed
KURTOSIS (K):	33.41	4.546	4.546	0.965	0.965	Mesokurtic

GRAIN SIZE DISTRIBUTION