

SIEVING ERROR: -0.6%

SAMPLE STATISTICSSAMPLE IDENTITY: **020807-6-1a**

ANALYST & DATE: dckm, 8/20/2002

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: 0.1%	COARSE SAND: 7.8%		
MODE 2:			SAND: 99.9%	MEDIUM SAND: 81.2%		
MODE 3:			MUD: 0.0%	FINE SAND: 10.6%		
D_{10} :	246.8	1.048		V FINE SAND: 0.1%		
MEDIAN or D_{50} :	331.7	1.592	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D_{90} :	483.6	2.018	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	1.959	1.926	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	236.8	0.970	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.434	1.393	V FINE GRAVEL: 0.1%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	120.9	0.520	V COARSE SAND: 0.2%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	354.5	338.7	1.562	335.2	1.577	Medium Sand
SORTING (σ):	130.5	1.315	0.395	1.303	0.382	Well Sorted
SKEWNESS (Sk):	8.469	0.822	-0.822	0.099	-0.099	Symmetrical
KURTOSIS (K):	158.7	7.353	7.353	1.019	1.019	Mesokurtic

GRAIN SIZE DISTRIBUTION