

SIEVING ERROR: 1.9%

SAMPLE STATISTICSSAMPLE IDENTITY: **020806-3-1a**

ANALYST & DATE: dckm, 8/21/2002

SAMPLE TYPE: Unimodal, Very Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Very Well Sorted Medium Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	275.0	1.868	GRAVEL: 0.0%	COARSE SAND: 1.2%		
MODE 2:			SAND: 100.0%	MEDIUM SAND: 64.4%		
MODE 3:			MUD: 0.0%	FINE SAND: 34.3%		
D_{10} :	213.2	1.401		V FINE SAND: 0.1%		
MEDIAN or D_{50} :	272.4	1.876	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D_{90} :	378.6	2.230	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	1.776	1.591	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	165.4	0.829	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.363	1.272	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	85.31	0.447	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}):	286.6	277.6	1.849	275.7	1.859	Medium Sand
SORTING (σ):	76.54	1.259	0.333	1.254	0.327	Very Well Sorted
SKEWNESS (Sk):	3.979	0.675	-0.675	0.099	-0.099	Symmetrical
KURTOSIS (K):	57.89	5.443	5.443	1.002	1.002	Mesokurtic

GRAIN SIZE DISTRIBUTION