

SIEVING ERROR: -0.1%

SAMPLE STATISTICSSAMPLE IDENTITY: **020311-1-5a**

ANALYST & DATE: dckm, 8/13/2002

SAMPLE TYPE: Unimodal, Very Well Sorted

TEXTURAL GROUP: Slightly Gravelly Sand

SEDIMENT NAME: Slightly Fine Gravelly Medium Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	231.0	2.119	GRAVEL: 1.5%	COARSE SAND: 1.0%		
MODE 2:			SAND: 98.5%	MEDIUM SAND: 53.8%		
MODE 3:			MUD: 0.0%	FINE SAND: 43.2%		
D_{10} :	200.3	1.515		V FINE SAND: 0.3%		
MEDIAN or D_{50} :	259.6	1.946	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D_{90} :	349.9	2.320	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	1.747	1.531	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	149.5	0.804	FINE GRAVEL: 1.5%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.333	1.239	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	75.01	0.415	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}):	331.8	273.3	1.872	263.6	1.924	Medium Sand
SORTING (σ):	501.9	1.507	0.591	1.250	0.322	Very Well Sorted
SKEWNESS (Sk):	7.741	4.640	-4.640	0.123	-0.123	Coarse Skewed
KURTOSIS (K):	62.22	31.74	31.74	1.089	1.089	Mesokurtic

GRAIN SIZE DISTRIBUTION