

SIEVING ERROR: 0.6%

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

ANALYST & DATE: dckm, 8/14/2002

SAMPLE TYPE: Unimodal, Very Well Sorted

TEXTURAL GROUP: Slightly Gravelly Sand

SEDIMENT NAME: Slightly Very Fine Gravelly Medium Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	275.0	1.868	GRAVEL: 0.0%	COARSE SAND: 0.7%		
MODE 2:			SAND: 100.0%	MEDIUM SAND: 58.8%		
MODE 3:			MUD: 0.0%	FINE SAND: 40.1%		
D_{10} :	203.9	1.541		V FINE SAND: 0.2%		
MEDIAN or D_{50} :	262.4	1.930	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D_{90} :	343.8	2.294	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	1.686	1.489	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	139.8	0.753	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.302	1.218	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	69.01	0.381	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}):	272.2	263.9	1.922	263.8	1.922	Medium Sand
SORTING (σ):	78.40	1.248	0.320	1.229	0.297	Very Well Sorted
SKEWNESS (Sk):	7.777	0.903	-0.903	0.043	-0.043	Symmetrical
KURTOSIS (K):	138.4	10.25	10.25	1.083	1.083	Mesokurtic

GRAIN SIZE DISTRIBUTION