

SIEVING ERROR: -1.6%

SAMPLE STATISTICSSAMPLE IDENTITY: **020806-5-1a**

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: 0.8%		
MODE 2:			SAND: 100.0%	MEDIUM SAND: 55.8%		
MODE 3:			MUD: 0.0%	FINE SAND: 42.7%		
D_{10} :	195.9	1.524		V FINE SAND: 0.6%		
MEDIAN or D_{50} :	259.9	1.944	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D_{90} :	347.7	2.352	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	1.775	1.543	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	151.8	0.827	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.341	1.244	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	76.44	0.424	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}):	270.4	261.4	1.936	262.4	1.930	Medium Sand
SORTING (σ):	74.24	1.271	0.346	1.249	0.321	Very Well Sorted
SKEWNESS (Sk):	3.925	0.366	-0.366	0.069	-0.069	Symmetrical
KURTOSIS (K):	49.35	6.344	6.344	1.048	1.048	Mesokurtic

GRAIN SIZE DISTRIBUTION