

SIEVING ERROR: -0.2%

SAMPLE STATISTICSSAMPLE IDENTITY: **020806-4-1a**

ANALYST & DATE: dckm, 8/21/2002

SAMPLE TYPE: Unimodal, Very Well Sorted

TEXTURAL GROUP: Slightly Gravelly Sand

SEDIMENT NAME: Slightly Very Fine Gravelly Fine Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	231.0	2.119	GRAVEL: 0.0%	COARSE SAND: 0.7%		
MODE 2:			SAND: 100.0%	MEDIUM SAND: 45.3%		
MODE 3:			MUD: 0.0%	FINE SAND: 53.1%		
D_{10} :	189.9	1.599		V FINE SAND: 0.8%		
MEDIAN or D_{50} :	245.1	2.028	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D_{90} :	330.0	2.396	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	1.737	1.498	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	140.1	0.797	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.318	1.220	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	68.74	0.398	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}):	256.7	248.4	2.009	246.6	2.020	Fine Sand
SORTING (σ):	72.83	1.262	0.335	1.226	0.294	Very Well Sorted
SKEWNESS (Sk):	6.376	0.545	-0.545	0.068	-0.068	Symmetrical
KURTOSIS (K):	114.8	8.153	8.153	0.999	0.999	Mesokurtic

GRAIN SIZE DISTRIBUTION