

SIEVING ERROR: 0.9%

SAMPLE STATISTICSSAMPLE IDENTITY: **020311-1-3a**

ANALYST & DATE: dckm, 8/13/2002

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: 1.1%		
MODE 2:			SAND: 100.0%	MEDIUM SAND: 72.0%		
MODE 3:			MUD: 0.0%	FINE SAND: 26.5%		
D ₁₀ :	216.2	1.384		V FINE SAND: 0.1%		
MEDIAN or D ₅₀ :	285.1	1.810	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D ₉₀ :	383.1	2.210	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D ₉₀ / D ₁₀):	1.772	1.596	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D ₉₀ - D ₁₀):	167.0	0.826	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D ₇₅ / D ₂₅):	1.350	1.273	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
(D ₇₅ - D ₂₅):	86.38	0.433	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}):	297.0	286.9	1.801	284.1	1.816	Medium Sand
SORTING (σ):	87.62	1.269	0.343	1.247	0.319	Very Well Sorted
SKEWNESS (Sk):	5.436	0.742	-0.742	-0.010	0.010	Symmetrical
KURTOSIS (K):	70.04	7.978	7.978	1.005	1.005	Mesokurtic

GRAIN SIZE DISTRIBUTION