

SIEVING ERROR: -0.6%

SAMPLE STATISTICSSAMPLE IDENTITY: **031107-5-c**

ANALYST & DATE: ker/sdej, 7/26/2004

SAMPLE TYPE: Unimodal, Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Well Sorted Medium Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	275.0	1.868	GRAVEL: 0.0%	COARSE SAND: 1.8%		
MODE 2:			SAND: 100.0%	MEDIUM SAND: 62.3%		
MODE 3:			MUD: 0.0%	FINE SAND: 35.3%		
D ₁₀ :	202.3	1.341		V FINE SAND: 0.6%		
MEDIAN or D ₅₀ :	273.6	1.870	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D ₉₀ :	394.9	2.306	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D ₉₀ / D ₁₀):	1.952	1.720	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D ₉₀ - D ₁₀):	192.6	0.965	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D ₇₅ / D ₂₅):	1.424	1.318	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
(D ₇₅ - D ₂₅):	98.12	0.510	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}):	288.9	277.5	1.849	276.9	1.852	Medium Sand
SORTING (σ):	83.05	1.305	0.384	1.289	0.366	Well Sorted
SKEWNESS (Sk):	2.011	0.196	-0.196	0.082	-0.082	Symmetrical
KURTOSIS (K):	16.82	4.392	4.392	0.982	0.982	Mesokurtic

GRAIN SIZE DISTRIBUTION