

SIEVING ERROR: 0.1%

SAMPLE STATISTICSSAMPLE IDENTITY: **040707-13-b-ss**

ANALYST & DATE: ker, 8/17/2004

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:	327.5	1.616	GRAVEL: 0.2%	COARSE SAND: 3.9%		
MODE 2:			SAND: 99.8%	MEDIUM SAND: 82.1%		
MODE 3:			MUD: 0.0%	FINE SAND: 13.5%		
D ₁₀ :	237.1	1.180		V FINE SAND: 0.1%		
MEDIAN or D ₅₀ :	318.6	1.650	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D ₉₀ :	441.3	2.076	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D ₉₀ / D ₁₀):	1.861	1.759	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D ₉₀ - D ₁₀):	204.2	0.896	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D ₇₅ / D ₂₅):	1.392	1.339	V FINE GRAVEL: 0.2%	V FINE SILT: 0.0%		
(D ₇₅ - D ₂₅):	106.2	0.478	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}):	341.2	323.6	1.628	321.1	1.639	Medium Sand
SORTING (σ):	185.8	1.312	0.392	1.272	0.347	Very Well Sorted
SKEWNESS (Sk):	13.91	1.951	-1.951	0.067	-0.067	Symmetrical
KURTOSIS (K):	246.4	18.12	18.12	0.995	0.995	Mesokurtic

GRAIN SIZE DISTRIBUTION