

SIEVING ERROR: -0.6%

SAMPLE STATISTICSSAMPLE IDENTITY: **030702-13-c**

ANALYST & DATE: ker, 8/27/2004

SAMPLE TYPE: Unimodal, Very Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Very Well Sorted Medium Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	327.5	1.616	GRAVEL: 0.0%	COARSE SAND: 5.3%		
MODE 2:			SAND: 100.0%	MEDIUM SAND: 85.6%		
MODE 3:			MUD: 0.0%	FINE SAND: 9.1%		
D ₁₀ :	252.0	1.103		V FINE SAND: 0.0%		
MEDIAN or D ₅₀ :	339.0	1.561	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D ₉₀ :	465.7	1.988	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D ₉₀ / D ₁₀):	1.848	1.804	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D ₉₀ - D ₁₀):	213.7	0.886	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D ₇₅ / D ₂₅):	1.383	1.353	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
(D ₇₅ - D ₂₅):	110.7	0.468	V COARSE SAND: 0.0%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	351.0	340.0	1.556	337.3	1.568	Medium Sand
SORTING (σ):	84.87	1.267	0.341	1.269	0.343	Very Well Sorted
SKEWNESS (Sk):	0.848	0.023	-0.023	-0.013	0.013	Symmetrical
KURTOSIS (K):	4.461	3.384	3.384	1.007	1.007	Mesokurtic

GRAIN SIZE DISTRIBUTION