

SIEVING ERROR: 0.0%

SAMPLE STATISTICSSAMPLE IDENTITY: **030702-7-a**

ANALYST & DATE: sdej, 8/23/2004

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: 0.7%		
MODE 2:			SAND: 100.0%	MEDIUM SAND: 62.5%		
MODE 3:			MUD: 0.0%	FINE SAND: 36.7%		
D ₁₀ :	207.1	1.410		V FINE SAND: 0.1%		
MEDIAN or D ₅₀ :	269.7	1.891	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D ₉₀ :	376.3	2.272	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D ₉₀ / D ₁₀):	1.817	1.611	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D ₉₀ - D ₁₀):	169.2	0.862	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D ₇₅ / D ₂₅):	1.375	1.278	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
(D ₇₅ - D ₂₅):	86.80	0.459	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}):	282.3	273.6	1.870	273.1	1.872	Medium Sand
SORTING (σ):	70.40	1.261	0.335	1.261	0.335	Very Well Sorted
SKEWNESS (Sk):	1.850	0.313	-0.313	0.091	-0.091	Symmetrical
KURTOSIS (K):	16.66	4.084	4.084	0.995	0.995	Mesokurtic

GRAIN SIZE DISTRIBUTION