

SIEVING ERROR: -0.1%

SAMPLE STATISTICSSAMPLE IDENTITY: **030701-1a**

ANALYST & DATE: ker, 8/5/2004

SAMPLE TYPE: Unimodal, Well Sorted

TEXTURAL GROUP: Slightly Gravelly Sand

SEDIMENT NAME: Slightly Very Fine Gravelly Medium Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	390.0	1.364	GRAVEL: 1.0%	COARSE SAND: 19.6%		
MODE 2:			SAND: 99.0%	MEDIUM SAND: 70.4%		
MODE 3:			MUD: 0.0%	FINE SAND: 8.7%		
D ₁₀ :	253.4	0.788		V FINE SAND: 0.1%		
MEDIAN or D ₅₀ :	373.1	1.422	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D ₉₀ :	579.2	1.981	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D ₉₀ / D ₁₀):	2.286	2.514	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D ₉₀ - D ₁₀):	325.8	1.193	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D ₇₅ / D ₂₅):	1.583	1.619	V FINE GRAVEL: 1.0%	V FINE SILT: 0.0%		
(D ₇₅ - D ₂₅):	175.4	0.663	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}):	429.3	384.8	1.378	378.1	1.403	Medium Sand
SORTING (σ):	345.9	1.470	0.556	1.389	0.474	Well Sorted
SKEWNESS (Sk):	7.859	1.916	-1.916	0.065	-0.065	Symmetrical
KURTOSIS (K):	72.76	12.72	12.72	0.940	0.940	Mesokurtic

GRAIN SIZE DISTRIBUTION