

SIEVING ERROR: 0.2%

SAMPLE STATISTICSSAMPLE IDENTITY: **031106-01-c**

ANALYST & DATE: ker, 8/5/2004

SAMPLE TYPE: Unimodal, Moderately Well Sorted TEXTURAL GROUP: Slightly Gravelly Sand

SEDIMENT NAME: Slightly Very Fine Gravelly Medium Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	550.0	0.868	GRAVEL: 4.9%	COARSE SAND: 45.4%		
MODE 2:			SAND: 95.1%	MEDIUM SAND: 47.1%		
MODE 3:			MUD: 0.0%	FINE SAND: 1.1%		
D ₁₀ :	330.9	0.331		V FINE SAND: 0.1%		
MEDIAN or D ₅₀ :	506.8	0.981	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D ₉₀ :	794.8	1.596	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D ₉₀ / D ₁₀):	2.402	4.816	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D ₉₀ - D ₁₀):	463.9	1.264	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D ₇₅ / D ₂₅):	1.535	1.887	V FINE GRAVEL: 4.9%	V FINE SILT: 0.0%		
(D ₇₅ - D ₂₅):	215.0	0.618	V COARSE SAND: 1.5%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	657.0	538.7	0.893	503.0	0.991	Coarse Sand
SORTING (σ):	644.8	1.672	0.742	1.551	0.633	Moderately Well Sorted
SKEWNESS (Sk):	3.877	2.033	-2.033	0.199	-0.199	Coarse Skewed
KURTOSIS (K):	17.50	8.535	8.535	1.764	1.764	Very Leptokurtic

GRAIN SIZE DISTRIBUTION