

SIEVING ERROR: 0.6%

SAMPLE STATISTICSSAMPLE IDENTITY: **040708-17 lht**

ANALYST & DATE: ker, 8/10/2004

SAMPLE TYPE: Unimodal, Moderately Well Sorted

TEXTURAL GROUP: Slightly Gravelly Sand

SEDIMENT NAME: Slightly Very Fine Gravelly Coarse Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	550.0	0.868	GRAVEL: 0.9%	COARSE SAND: 50.1%		
MODE 2:			SAND: 99.1%	MEDIUM SAND: 41.3%		
MODE 3:			MUD: 0.0%	FINE SAND: 1.2%		
D ₁₀ :	328.6	0.104		V FINE SAND: 0.1%		
MEDIAN or D ₅₀ :	538.2	0.894	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D ₉₀ :	930.3	1.605	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D ₉₀ / D ₁₀):	2.831	15.39	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D ₉₀ - D ₁₀):	601.6	1.501	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D ₇₅ / D ₂₅):	1.751	2.630	V FINE GRAVEL: 0.9%	V FINE SILT: 0.0%		
(D ₇₅ - D ₂₅):	304.1	0.808	V COARSE SAND: 6.4%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	614.8	550.7	0.861	542.2	0.883	Coarse Sand
SORTING (σ):	367.1	1.540	0.623	1.502	0.587	Moderately Well Sorted
SKEWNESS (Sk):	4.507	0.716	-0.716	0.077	-0.077	Symmetrical
KURTOSIS (K):	34.38	5.056	5.056	0.988	0.988	Mesokurtic

GRAIN SIZE DISTRIBUTION