

SIEVING ERROR: 0.0%

SAMPLE STATISTICSSAMPLE IDENTITY: **040707-5 lht**

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:	327.5	1.616	GRAVEL: 0.9%	COARSE SAND: 14.3%		
MODE 2:			SAND: 99.1%	MEDIUM SAND: 68.2%		
MODE 3:			MUD: 0.0%	FINE SAND: 15.8%		
D ₁₀ :	229.6	0.836		V FINE SAND: 0.1%		
MEDIAN or D ₅₀ :	341.3	1.551	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D ₉₀ :	560.3	2.123	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D ₉₀ / D ₁₀):	2.441	2.540	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D ₉₀ - D ₁₀):	330.7	1.287	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D ₇₅ / D ₂₅):	1.609	1.577	V FINE GRAVEL: 0.9%	V FINE SILT: 0.0%		
(D ₇₅ - D ₂₅):	166.0	0.686	V COARSE SAND: 0.6%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	400.3	356.7	1.487	349.3	1.517	Medium Sand
SORTING (σ):	320.0	1.494	0.579	1.406	0.492	Well Sorted
SKEWNESS (S_k):	7.691	1.770	-1.770	0.129	-0.129	Coarse Skewed
KURTOSIS (K):	74.33	10.64	10.64	0.958	0.958	Mesokurtic

GRAIN SIZE DISTRIBUTION