

SIEVING ERROR: 0.6%

SAMPLE STATISTICSSAMPLE IDENTITY: **040709-15 lht**

ANALYST & DATE: ker, 7/30/2004

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:	327.5	1.616	GRAVEL: 0.1%	COARSE SAND: 13.8%		
MODE 2:			SAND: 99.9%	MEDIUM SAND: 61.2%		
MODE 3:			MUD: 0.0%	FINE SAND: 24.0%		
D ₁₀ :	208.2	0.846		V FINE SAND: 0.3%		
MEDIAN or D ₅₀ :	319.1	1.648	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D ₉₀ :	556.3	2.264	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D ₉₀ / D ₁₀):	2.671	2.675	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D ₉₀ - D ₁₀):	348.0	1.418	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D ₇₅ / D ₂₅):	1.663	1.584	V FINE GRAVEL: 0.1%	V FINE SILT: 0.0%		
(D ₇₅ - D ₂₅):	166.8	0.734	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}):	360.3	330.0	1.599	327.5	1.611	Medium Sand
SORTING (σ):	178.6	1.480	0.565	1.466	0.552	Moderately Well Sorted
SKWNESS (S_k):	4.567	0.562	-0.562	0.123	-0.123	Coarse Skewed
KURTOSIS (K):	51.78	4.251	4.251	1.013	1.013	Mesokurtic

GRAIN SIZE DISTRIBUTION