

SIEVING ERROR: 0.3%

SAMPLE STATISTICSSAMPLE IDENTITY: **040709-19 lht**

ANALYST & DATE: ker, 8/13/2004

SAMPLE TYPE: Unimodal, Very Well Sorted

TEXTURAL GROUP: Slightly Gravelly Sand

SEDIMENT NAME: Slightly Very Fine Gravelly Medium Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	275.0	1.868	GRAVEL: 0.0%	COARSE SAND: 0.8%		
MODE 2:			SAND: 100.0%	MEDIUM SAND: 72.6%		
MODE 3:			MUD: 0.0%	FINE SAND: 26.4%		
D ₁₀ :	218.0	1.383		V FINE SAND: 0.1%		
MEDIAN or D ₅₀ :	284.1	1.816	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D ₉₀ :	383.4	2.198	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D ₉₀ / D ₁₀):	1.759	1.589	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D ₉₀ - D ₁₀):	165.4	0.815	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D ₇₅ / D ₂₅):	1.343	1.268	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
(D ₇₅ - D ₂₅):	84.81	0.426	V COARSE SAND: 0.1%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	295.5	286.6	1.803	284.1	1.815	Medium Sand
SORTING (σ):	80.41	1.251	0.323	1.242	0.312	Very Well Sorted
SKWNESS (Sk):	8.046	0.521	-0.521	0.027	-0.027	Symmetrical
KURTOSIS (K):	193.1	7.466	7.466	0.997	0.997	Mesokurtic

GRAIN SIZE DISTRIBUTION