

SIEVING ERROR: -0.6%

SAMPLE STATISTICSSAMPLE IDENTITY: **040708-1 lht**

ANALYST & DATE: ker, 7/29/2004

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:	275.0	1.868	GRAVEL: 0.1%	COARSE SAND: 10.5%		
MODE 2:			SAND: 99.9%	MEDIUM SAND: 73.5%		
MODE 3:			MUD: 0.0%	FINE SAND: 15.6%		
D ₁₀ :	232.0	0.971		V FINE SAND: 0.1%		
MEDIAN or D ₅₀ :	322.2	1.634	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D ₉₀ :	510.2	2.108	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D ₉₀ / D ₁₀):	2.199	2.171	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D ₉₀ - D ₁₀):	278.2	1.137	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D ₇₅ / D ₂₅):	1.503	1.447	V FINE GRAVEL: 0.1%	V FINE SILT: 0.0%		
(D ₇₅ - D ₂₅):	134.5	0.587	V COARSE SAND: 0.2%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	353.8	333.8	1.583	332.3	1.590	Medium Sand
SORTING (σ):	148.5	1.365	0.449	1.346	0.429	Well Sorted
SKEWNESS (Sk):	7.074	0.838	-0.838	0.176	-0.176	Coarse Skewed
KURTOSIS (K):	110.4	6.179	6.179	0.985	0.985	Mesokurtic

GRAIN SIZE DISTRIBUTION