

SIEVING ERROR: 0.5%

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

ANALYST & DATE: sdej, 8/16/2004

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: 1.6%	COARSE SAND: 12.2%		
MODE 2:			SAND: 98.4%	MEDIUM SAND: 76.3%		
MODE 3:			MUD: 0.0%	FINE SAND: 8.1%		
D ₁₀ :	254.0	0.766		V FINE SAND: 0.1%		
MEDIAN or D ₅₀ :	343.9	1.540	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D ₉₀ :	588.2	1.977	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D ₉₀ / D ₁₀):	2.315	2.582	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D ₉₀ - D ₁₀):	334.1	1.211	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D ₇₅ / D ₂₅):	1.445	1.424	V FINE GRAVEL: 1.6%	V FINE SILT: 0.0%		
(D ₇₅ - D ₂₅):	129.4	0.531	V COARSE SAND: 1.8%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	437.8	375.3	1.414	357.4	1.484	Medium Sand
SORTING (σ):	421.1	1.556	0.638	1.413	0.498	Well Sorted
SKEWNESS (Sk):	6.118	2.389	-2.389	0.278	-0.278	Coarse Skewed
KURTOSIS (K):	44.69	11.76	11.76	1.411	1.411	Leptokurtic

GRAIN SIZE DISTRIBUTION