

SIEVING ERROR: 0.4%

SAMPLE STATISTICSSAMPLE IDENTITY: **040708-11 ss**

ANALYST & DATE: ker/sdej, 8/18/2004

SAMPLE TYPE: Bimodal, Moderately 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: 3.0%	COARSE SAND: 27.9%		
MODE 2:	655.0	0.616	SAND: 97.0%	MEDIUM SAND: 43.9%		
MODE 3:			MUD: 0.0%	FINE SAND: 22.2%		
D ₁₀ :	218.5	0.289		V FINE SAND: 0.1%		
MEDIAN or D ₅₀ :	345.1	1.535	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D ₉₀ :	818.2	2.194	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D ₉₀ / D ₁₀):	3.744	7.579	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D ₉₀ - D ₁₀):	599.7	1.905	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D ₇₅ / D ₂₅):	2.297	2.577	V FINE GRAVEL: 3.0%	V FINE SILT: 0.0%		
(D ₇₅ - D ₂₅):	333.2	1.200	V COARSE SAND: 2.9%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	518.5	405.4	1.303	383.0	1.385	Medium Sand
SORTING (σ):	539.3	1.833	0.874	1.718	0.781	Moderately Sorted
SKEWNESS (Sk):	4.179	1.266	-1.266	0.333	-0.333	Very Coarse Skewed
KURTOSIS (K):	22.76	5.087	5.087	0.870	0.870	Platykurtic

GRAIN SIZE DISTRIBUTION