

SIEVING ERROR: 1.8%

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

ANALYST & DATE: ker, 8/17/2004

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: 0.4%	COARSE SAND: 3.4%		
MODE 2:			SAND: 99.6%	MEDIUM SAND: 67.3%		
MODE 3:			MUD: 0.0%	FINE SAND: 28.1%		
D ₁₀ :	212.3	1.235		V FINE SAND: 0.4%		
MEDIAN or D ₅₀ :	287.9	1.796	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D ₉₀ :	424.8	2.236	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D ₉₀ / D ₁₀):	2.001	1.810	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D ₉₀ - D ₁₀):	212.6	1.001	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D ₇₅ / D ₂₅):	1.435	1.342	V FINE GRAVEL: 0.4%	V FINE SILT: 0.0%		
(D ₇₅ - D ₂₅):	105.4	0.521	V COARSE SAND: 0.5%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	322.7	297.7	1.748	292.8	1.772	Medium Sand
SORTING (σ):	217.0	1.401	0.487	1.326	0.407	Well Sorted
SKEWNESS (Sk):	10.41	1.833	-1.833	0.106	-0.106	Coarse Skewed
KURTOSIS (K):	144.2	13.41	13.41	1.075	1.075	Mesokurtic

GRAIN SIZE DISTRIBUTION