

SIEVING ERROR: 0.6%

SAMPLE STATISTICSSAMPLE IDENTITY: **040709-16 ss**

ANALYST & DATE: ker/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: 0.1%	COARSE SAND: 14.6%		
MODE 2:			SAND: 99.9%	MEDIUM SAND: 75.3%		
MODE 3:			MUD: 0.0%	FINE SAND: 9.5%		
D ₁₀ :	250.9	0.869		V FINE SAND: 0.1%		
MEDIAN or D ₅₀ :	361.8	1.467	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D ₉₀ :	547.4	1.995	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D ₉₀ / D ₁₀):	2.182	2.294	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D ₉₀ - D ₁₀):	296.5	1.125	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D ₇₅ / D ₂₅):	1.491	1.494	V FINE GRAVEL: 0.1%	V FINE SILT: 0.0%		
(D ₇₅ - D ₂₅):	146.7	0.577	V COARSE SAND: 0.4%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	386.0	365.2	1.453	363.7	1.459	Medium Sand
SORTING (σ):	141.3	1.368	0.452	1.353	0.436	Well Sorted
SKEWNESS (Sk):	4.166	0.317	-0.317	0.022	-0.022	Symmetrical
KURTOSIS (K):	55.20	4.738	4.738	1.016	1.016	Mesokurtic

GRAIN SIZE DISTRIBUTION