

SIEVING ERROR: 1.3%

SAMPLE STATISTICSSAMPLE IDENTITY: **030703-14-d htl**

ANALYST & DATE: ker/sdej, 8/26/2004

SAMPLE TYPE: Unimodal, Very Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Very Well Sorted Medium Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	275.0	1.868	GRAVEL: 0.0%	COARSE SAND: 0.6%		
MODE 2:			SAND: 100.0%	MEDIUM SAND: 63.0%		
MODE 3:			MUD: 0.0%	FINE SAND: 36.3%		
D ₁₀ :	206.7	1.474		V FINE SAND: 0.1%		
MEDIAN or D ₅₀ :	269.2	1.893	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D ₉₀ :	360.0	2.274	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D ₉₀ / D ₁₀):	1.742	1.543	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D ₉₀ - D ₁₀):	153.3	0.800	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D ₇₅ / D ₂₅):	1.352	1.260	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
(D ₇₅ - D ₂₅):	81.62	0.435	V COARSE SAND: 0.0%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	279.3	271.3	1.882	271.1	1.883	Medium Sand
SORTING (σ):	65.67	1.249	0.321	1.251	0.323	Very Well Sorted
SKEWNESS (Sk):	1.440	0.248	-0.248	0.060	-0.060	Symmetrical
KURTOSIS (K):	10.18	3.910	3.910	1.024	1.024	Mesokurtic

GRAIN SIZE DISTRIBUTION