

SIEVING ERROR: 0.3%

SAMPLE STATISTICSSAMPLE IDENTITY: **030701-12a**

ANALYST & DATE: sdej, 7/14/2004

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: 1.0%		
MODE 2:			SAND: 100.0%	MEDIUM SAND: 64.1%		
MODE 3:			MUD: 0.0%	FINE SAND: 34.7%		
D ₁₀ :	212.6	1.502		V FINE SAND: 0.1%		
MEDIAN or D ₅₀ :	270.0	1.889	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D ₉₀ :	353.1	2.234	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D ₉₀ / D ₁₀):	1.661	1.487	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D ₉₀ - D ₁₀):	140.5	0.732	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D ₇₅ / D ₂₅):	1.325	1.241	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
(D ₇₅ - D ₂₅):	76.30	0.406	V COARSE SAND: 0.1%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	μm	μm	ϕ	μm	ϕ	
MEAN (\bar{x}):	281.3	272.9	1.874	271.6	1.881	Medium Sand
SORTING (σ):	75.80	1.247	0.319	1.238	0.308	Very Well Sorted
SKEWNESS (Sk):	5.618	0.818	-0.818	0.061	-0.061	Symmetrical
KURTOSIS (K):	87.41	7.787	7.787	1.047	1.047	Mesokurtic

GRAIN SIZE DISTRIBUTION