

SIEVING ERROR: 0.4%

SAMPLE STATISTICSSAMPLE IDENTITY: **020807-7-4a**

ANALYST & DATE: sdej, 9/11/2002

SAMPLE TYPE: Unimodal, Very Well Sorted

TEXTURAL GROUP: Slightly Gravelly Sand

SEDIMENT NAME: Slightly Very Fine Gravelly Medium Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	231.0	2.119	GRAVEL: 0.0%	COARSE SAND: 0.8%		
MODE 2:			SAND: 100.0%	MEDIUM SAND: 52.2%		
MODE 3:			MUD: 0.0%	FINE SAND: 46.7%		
D_{10} :	193.2	1.495		V FINE SAND: 0.3%		
MEDIAN or D_{50} :	255.0	1.972	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D_{90} :	354.8	2.372	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	1.837	1.587	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	161.6	0.877	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.364	1.258	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	80.14	0.448	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}):	269.0	260.0	1.943	259.5	1.946	Medium Sand
SORTING (σ):	70.81	1.275	0.351	1.270	0.345	Very Well Sorted
SKEWNESS (Sk):	2.056	0.328	-0.328	0.135	-0.135	Coarse Skewed
KURTOSIS (K):	23.75	4.183	4.183	1.046	1.046	Mesokurtic

GRAIN SIZE DISTRIBUTION