

SIEVING ERROR: -1.3%

SAMPLE STATISTICSSAMPLE IDENTITY: **020806-1-2a**

ANALYST & DATE: sdej, 9/3/2002

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: 1.8%		
MODE 2:			SAND: 100.0%	MEDIUM SAND: 75.0%		
MODE 3:			MUD: 0.0%	FINE SAND: 23.0%		
D_{10} :	222.0	1.323		V FINE SAND: 0.1%		
MEDIAN or D_{50} :	290.8	1.782	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D_{90} :	399.7	2.171	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	1.800	1.641	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	177.7	0.848	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.352	1.281	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	88.99	0.435	V COARSE SAND: 0.1%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic μm	Geometric μm	Logarithmic ϕ	Geometric μm	Logarithmic ϕ	Description
MEAN (\bar{x}):	305.2	295.5	1.759	293.3	1.770	Medium Sand
SORTING (σ):	80.60	1.262	0.336	1.247	0.319	Very Well Sorted
SKEWNESS (Sk):	2.963	0.538	-0.538	0.081	-0.081	Symmetrical
KURTOSIS (K):	27.82	5.597	5.597	0.957	0.957	Mesokurtic

GRAIN SIZE DISTRIBUTION