

SIEVING ERROR: 0.4%

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

ANALYST & DATE: sdej, 9/10/2002

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: 1.3%		
MODE 2:			SAND: 100.0%	MEDIUM SAND: 67.6%		
MODE 3:			MUD: 0.0%	FINE SAND: 30.9%		
D_{10} :	213.5	1.333		V FINE SAND: 0.1%		
MEDIAN or D_{50} :	280.6	1.833	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D_{90} :	397.0	2.227	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	1.859	1.671	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	183.5	0.895	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.405	1.312	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	96.85	0.491	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}):	295.4	285.3	1.809	284.0	1.816	Medium Sand
SORTING (σ):	79.27	1.275	0.351	1.273	0.348	Very Well Sorted
SKEWNESS (Sk):	2.381	0.426	-0.426	0.071	-0.071	Symmetrical
KURTOSIS (K):	21.98	4.321	4.321	0.942	0.942	Mesokurtic

GRAIN SIZE DISTRIBUTION