

SIEVING ERROR: -0.5%

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

ANALYST & DATE: sdej, 9/3/2002

SAMPLE TYPE: Bimodal, Well Sorted

TEXTURAL GROUP: Slightly Gravelly Sand

SEDIMENT NAME: Slightly Very Fine Gravelly Medium Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	275.0	1.868	GRAVEL: 0.0%	COARSE SAND: 14.6%		
MODE 2:	550.0	0.868	SAND: 100.0%	MEDIUM SAND: 63.0%		
MODE 3:			MUD: 0.0%	FINE SAND: 22.1%		
D_{10} :	220.5	0.885		V FINE SAND: 0.1%		
MEDIAN or D_{50} :	312.0	1.680	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D_{90} :	541.6	2.181	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.456	2.465	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	321.1	1.296	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.623	1.550	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	159.0	0.699	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}):	348.9	328.0	1.608	329.1	1.603	Medium Sand
SORTING (σ):	127.0	1.396	0.481	1.410	0.495	Well Sorted
SKEWNESS (Sk):	1.748	0.386	-0.386	0.212	-0.212	Coarse Skewed
KURTOSIS (K):	16.02	2.858	2.858	0.896	0.896	Platykurtic

GRAIN SIZE DISTRIBUTION