

SIEVING ERROR: -0.5%

SAMPLE STATISTICSSAMPLE IDENTITY: **020607-3-2a**

ANALYST & DATE: akr, 8/6/2002

SAMPLE TYPE: Unimodal, Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Well Sorted Medium Sand

	μm	ϕ	GRAIN SIZE DISTRIBUTION			
MODE 1:	327.5	1.616	GRAVEL: 0.0%	COARSE SAND: 9.7%		
MODE 2:			SAND: 100.0%	MEDIUM SAND: 78.8%		
MODE 3:			MUD: 0.0%	FINE SAND: 11.1%		
D_{10} :	243.5	1.004		V FINE SAND: 0.2%		
MEDIAN or D_{50} :	342.9	1.544	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D_{90} :	498.8	2.038	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D_{90} / D_{10}) :	2.048	2.030	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$:	255.2	1.034	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D_{75} / D_{25}) :	1.458	1.427	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$:	129.9	0.544	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}):	360.4	344.9	1.536	344.8	1.536	Medium Sand
SORTING (σ):	107.0	1.326	0.407	1.325	0.406	Well Sorted
SKEWNESS (Sk):	1.664	0.033	-0.033	0.041	-0.041	Symmetrical
KURTOSIS (K):	12.87	4.115	4.115	1.009	1.009	Mesokurtic

GRAIN SIZE DISTRIBUTION