

SIEVING ERROR: 0.6%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **020807-7-1a**

ANALYST &amp; DATE: dckm, 8/20/2002

SAMPLE TYPE: Unimodal, Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Well Sorted Medium Sand

	$\mu\text{m}$	$\phi$	GRAIN SIZE DISTRIBUTION			
MODE 1:	275.0	1.868	GRAVEL: 0.0%	COARSE SAND: 5.2%		
MODE 2:			SAND: 100.0%	MEDIUM SAND: 61.3%		
MODE 3:			MUD: 0.0%	FINE SAND: 33.2%		
$D_{10}$ :	211.7	1.239		V FINE SAND: 0.1%		
MEDIAN or $D_{50}$ :	278.8	1.843	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
$D_{90}$ :	423.6	2.240	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
$(D_{90} / D_{10})$ :	2.001	1.807	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$ :	211.9	1.001	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
$(D_{75} / D_{25})$ :	1.449	1.345	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$ :	105.9	0.535	V COARSE SAND: 0.1%	CLAY: 0.0%		
	METHOD OF MOMENTS			FOLK & WARD METHOD		
	Arithmetic	Geometric	Logarithmic	Geometric	Logarithmic	Description
	$\mu\text{m}$	$\mu\text{m}$	$\phi$	$\mu\text{m}$	$\phi$	
MEAN ( $\bar{x}$ ):	304.5	290.1	1.785	287.2	1.800	Medium Sand
SORTING ( $\sigma$ ):	102.9	1.332	0.414	1.330	0.411	Well Sorted
SKEWNESS ( $Sk$ ):	2.652	0.805	-0.805	0.202	-0.202	Coarse Skewed
KURTOSIS ( $K$ ):	20.00	4.377	4.377	1.070	1.070	Mesokurtic

**GRAIN SIZE DISTRIBUTION**