

SIEVING ERROR: -0.4%

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

ANALYST &amp; DATE: sdej, 8/28/2002

SAMPLE TYPE: Bimodal, 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: 14.9%		
MODE 2:	550.0	0.868	SAND: 100.0%	MEDIUM SAND: 63.0%		
MODE 3:			MUD: 0.0%	FINE SAND: 21.9%		
$D_{10}$ :	221.5	0.882		V FINE SAND: 0.1%		
MEDIAN or $D_{50}$ :	311.6	1.682	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
$D_{90}$ :	542.4	2.175	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
$(D_{90} / D_{10})$ :	2.449	2.464	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
$(D_{90} - D_{10})$ :	320.9	1.292	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
$(D_{75} / D_{25})$ :	1.617	1.545	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
$(D_{75} - D_{25})$ :	157.9	0.694	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 ( $\bar{x}$ ):	348.8	328.2	1.607	329.8	1.600	Medium Sand
SORTING ( $\sigma$ ):	125.0	1.393	0.478	1.407	0.492	Well Sorted
SKEWNESS ( $Sk$ ):	1.234	0.392	-0.392	0.227	-0.227	Coarse Skewed
KURTOSIS ( $K$ ):	5.283	2.749	2.749	0.889	0.889	Platykurtic

**GRAIN SIZE DISTRIBUTION**