

SIEVING ERROR: -0.2%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **020806-4-2a**

ANALYST &amp; DATE: sdej, 9/17/2002

SAMPLE TYPE: Unimodal, Very Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Very Well Sorted Fine Sand

	$\mu\text{m}$	$\phi$	GRAIN SIZE DISTRIBUTION			
MODE 1:	231.0	2.119	GRAVEL: 0.0%	COARSE SAND: 0.5%		
MODE 2:			SAND: 100.0%	MEDIUM SAND: 43.1%		
MODE 3:			MUD: 0.0%	FINE SAND: 56.1%		
D <sub>10</sub> :	194.0	1.686		V FINE SAND: 0.2%		
MEDIAN or D <sub>50</sub> :	243.2	2.040	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D <sub>90</sub> :	310.9	2.366	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D <sub>90</sub> / D <sub>10</sub> ):	1.602	1.404	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D <sub>90</sub> - D <sub>10</sub> ):	116.9	0.680	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D <sub>75</sub> / D <sub>25</sub> ):	1.279	1.192	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
(D <sub>75</sub> - D <sub>25</sub> ):	60.70	0.355	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 ( $\bar{x}$ ):	252.4	246.4	2.021	244.9	2.030	Fine Sand
SORTING ( $\sigma$ ):	59.34	1.215	0.281	1.198	0.260	Very Well Sorted
SKEWNESS ( $Sk$ ):	5.353	0.858	-0.858	0.076	-0.076	Symmetrical
KURTOSIS ( $K$ ):	74.20	9.714	9.714	1.011	1.011	Mesokurtic

**GRAIN SIZE DISTRIBUTION**