

SIEVING ERROR: -0.3%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **020806-2-2b**

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

SAMPLE TYPE: Unimodal, Very Well Sorted

TEXTURAL GROUP: Sand

SEDIMENT NAME: Very Well Sorted Medium Sand

	$\mu\text{m}$	$\phi$	GRAIN SIZE DISTRIBUTION			
MODE 1:	275.0	1.868	GRAVEL: 0.0%	COARSE SAND: 1.1%		
MODE 2:			SAND: 100.0%	MEDIUM SAND: 74.2%		
MODE 3:			MUD: 0.0%	FINE SAND: 24.5%		
D <sub>10</sub> :	219.8	1.310		V FINE SAND: 0.1%		
MEDIAN or D <sub>50</sub> :	290.8	1.782	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D <sub>90</sub> :	403.3	2.186	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D <sub>90</sub> / D <sub>10</sub> ):	1.835	1.669	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D <sub>90</sub> - D <sub>10</sub> ):	183.5	0.876	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D <sub>75</sub> / D <sub>25</sub> ):	1.372	1.296	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
(D <sub>75</sub> - D <sub>25</sub> ):	93.29	0.457	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 ( $\bar{x}$ ):	304.1	294.5	1.763	293.4	1.769	Medium Sand
SORTING ( $\sigma$ ):	76.97	1.264	0.337	1.263	0.337	Very Well Sorted
SKEWNESS ( $Sk$ ):	2.147	0.302	-0.302	0.069	-0.069	Symmetrical
KURTOSIS ( $K$ ):	19.86	4.440	4.440	0.971	0.971	Mesokurtic

**GRAIN SIZE DISTRIBUTION**