

SIEVING ERROR: 0.0%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **020806-8-4a**

ANALYST &amp; DATE: sdej, 9/12/2002

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: 2.2%		
MODE 2:			SAND: 100.0%	MEDIUM SAND: 74.8%		
MODE 3:			MUD: 0.0%	FINE SAND: 22.9%		
D <sub>10</sub> :	221.4	1.283		V FINE SAND: 0.1%		
MEDIAN or D <sub>50</sub> :	295.0	1.761	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D <sub>90</sub> :	410.8	2.175	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D <sub>90</sub> / D <sub>10</sub> ):	1.855	1.695	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D <sub>90</sub> - D <sub>10</sub> ):	189.4	0.892	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D <sub>75</sub> / D <sub>25</sub> ):	1.376	1.303	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
(D <sub>75</sub> - D <sub>25</sub> ):	95.24	0.461	V COARSE SAND: 0.0%	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 ( $\bar{x}$ ):	309.3	299.1	1.741	297.8	1.747	Medium Sand
SORTING ( $\sigma$ ):	79.66	1.271	0.346	1.272	0.347	Very Well Sorted
SKENNESS ( $Sk$ ):	1.708	0.304	-0.304	0.090	-0.090	Symmetrical
KURTOSIS ( $K$ ):	12.93	3.999	3.999	1.000	1.000	Mesokurtic

**GRAIN SIZE DISTRIBUTION**