

SIEVING ERROR: -0.4%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **030702-6-a**

ANALYST &amp; DATE: ker/sdej, 7/20/2004

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: 4.3%		
MODE 2:			SAND: 100.0%	MEDIUM SAND: 72.8%		
MODE 3:			MUD: 0.0%	FINE SAND: 22.7%		
D <sub>10</sub> :	218.2	1.223		V FINE SAND: 0.1%		
MEDIAN or D <sub>50</sub> :	300.6	1.734	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D <sub>90</sub> :	428.3	2.196	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D <sub>90</sub> / D <sub>10</sub> ):	1.963	1.795	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D <sub>90</sub> - D <sub>10</sub> ):	210.1	0.973	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D <sub>75</sub> / D <sub>25</sub> ):	1.427	1.350	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
(D <sub>75</sub> - D <sub>25</sub> ):	108.3	0.513	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 ( $\bar{x}$ ):	317.9	304.9	1.714	303.3	1.721	Medium Sand
SORTING ( $\sigma$ ):	92.94	1.313	0.393	1.313	0.393	Well Sorted
SKEWNESS ( $Sk$ ):	1.522	0.266	-0.266	0.068	-0.068	Symmetrical
KURTOSIS ( $K$ ):	8.538	3.747	3.747	1.042	1.042	Mesokurtic

**GRAIN SIZE DISTRIBUTION**