

SIEVING ERROR: -0.1%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **030702-11-c**

ANALYST &amp; DATE: ker, 8/26/2004

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: 0.1%		
MODE 2:			SAND: 100.0%	MEDIUM SAND: 69.9%		
MODE 3:			MUD: 0.0%	FINE SAND: 29.9%		
D <sub>10</sub> :	218.2	1.555		V FINE SAND: 0.1%		
MEDIAN or D <sub>50</sub> :	272.1	1.878	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D <sub>90</sub> :	340.4	2.196	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D <sub>90</sub> / D <sub>10</sub> ):	1.560	1.413	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D <sub>90</sub> - D <sub>10</sub> ):	122.2	0.642	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D <sub>75</sub> / D <sub>25</sub> ):	1.259	1.193	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
(D <sub>75</sub> - D <sub>25</sub> ):	62.57	0.332	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 ( $\bar{x}$ ):	277.3	272.0	1.878	272.0	1.878	Medium Sand
SORTING ( $\sigma$ ):	54.00	1.190	0.251	1.186	0.246	Very Well Sorted
SKEWNESS ( $Sk$ ):	4.763	0.303	-0.303	-0.012	0.012	Symmetrical
KURTOSIS ( $K$ ):	80.55	8.823	8.823	0.953	0.953	Mesokurtic

**GRAIN SIZE DISTRIBUTION**