

SIEVING ERROR: 0.2%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **030703-16-b**

ANALYST &amp; DATE: ker, 8/25/2004

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: 0.2%		
MODE 2:			SAND: 100.0%	MEDIUM SAND: 83.1%		
MODE 3:			MUD: 0.0%	FINE SAND: 16.7%		
D <sub>10</sub> :	231.5	1.542		V FINE SAND: 0.1%		
MEDIAN or D <sub>50</sub> :	282.4	1.824	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D <sub>90</sub> :	343.3	2.111	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D <sub>90</sub> / D <sub>10</sub> ):	1.483	1.369	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D <sub>90</sub> - D <sub>10</sub> ):	111.8	0.568	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D <sub>75</sub> / D <sub>25</sub> ):	1.222	1.174	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
(D <sub>75</sub> - D <sub>25</sub> ):	57.33	0.290	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 ( $\bar{x}$ ):	287.8	283.3	1.820	285.3	1.809	Medium Sand
SORTING ( $\sigma$ ):	47.36	1.164	0.219	1.157	0.210	Very Well Sorted
SKEWNESS ( $Sk$ ):	3.554	0.221	-0.221	0.019	-0.019	Symmetrical
KURTOSIS ( $K$ ):	52.96	9.435	9.435	0.979	0.979	Mesokurtic

**GRAIN SIZE DISTRIBUTION**