

SIEVING ERROR: 0.1%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **030701-4-a**

ANALYST &amp; DATE: ker/sdej, 8/20/2004

SAMPLE TYPE: Unimodal, Very Well Sorted

TEXTURAL GROUP: Slightly Gravelly Sand

SEDIMENT NAME: Slightly Very Fine Gravelly Medium Sand

	$\mu\text{m}$	$\phi$	GRAIN SIZE DISTRIBUTION			
MODE 1:	231.0	2.119	GRAVEL: 0.0%	COARSE SAND: 1.2%		
MODE 2:			SAND: 100.0%	MEDIUM SAND: 56.3%		
MODE 3:			MUD: 0.0%	FINE SAND: 42.2%		
D <sub>10</sub> :	200.1	1.452		V FINE SAND: 0.2%		
MEDIAN or D <sub>50</sub> :	261.6	1.934	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D <sub>90</sub> :	365.5	2.321	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D <sub>90</sub> / D <sub>10</sub> ):	1.826	1.599	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D <sub>90</sub> - D <sub>10</sub> ):	165.4	0.869	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D <sub>75</sub> / D <sub>25</sub> ):	1.360	1.260	V FINE GRAVEL: 0.0%	V FINE SILT: 0.0%		
(D <sub>75</sub> - D <sub>25</sub> ):	81.29	0.443	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 ( $\bar{x}$ ):	276.3	266.9	1.906	266.5	1.908	Medium Sand
SORTING ( $\sigma$ ):	77.86	1.274	0.349	1.263	0.337	Very Well Sorted
SKEWNESS ( $Sk$ ):	5.183	0.570	-0.570	0.135	-0.135	Coarse Skewed
KURTOSIS ( $K$ ):	117.9	5.297	5.297	1.058	1.058	Mesokurtic

**GRAIN SIZE DISTRIBUTION**