

SIEVING ERROR: 0.5%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **030702-8-a**

ANALYST &amp; DATE: ker, 7/27/2004

SAMPLE TYPE: Unimodal, Well Sorted

TEXTURAL GROUP: Slightly Gravelly Sand

SEDIMENT NAME: Slightly Very Fine Gravelly Medium Sand

	$\mu\text{m}$	$\phi$	GRAIN SIZE DISTRIBUTION			
MODE 1:	327.5	1.616	GRAVEL: 1.0%	COARSE SAND: 12.0%		
MODE 2:			SAND: 99.0%	MEDIUM SAND: 75.6%		
MODE 3:			MUD: 0.0%	FINE SAND: 11.0%		
D <sub>10</sub> :	244.6	0.898		V FINE SAND: 0.1%		
MEDIAN or D <sub>50</sub> :	339.8	1.557	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D <sub>90</sub> :	536.5	2.032	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D <sub>90</sub> / D <sub>10</sub> ):	2.193	2.261	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D <sub>90</sub> - D <sub>10</sub> ):	291.9	1.133	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D <sub>75</sub> / D <sub>25</sub> ):	1.482	1.452	V FINE GRAVEL: 1.0%	V FINE SILT: 0.0%		
(D <sub>75</sub> - D <sub>25</sub> ):	136.2	0.568	V COARSE SAND: 0.2%	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 ( $\bar{x}$ ):	398.1	356.1	1.490	348.8	1.520	Medium Sand
SORTING ( $\sigma$ ):	342.2	1.457	0.543	1.352	0.435	Well Sorted
SKEWNESS ( $Sk$ ):	8.109	2.413	-2.413	0.135	-0.135	Coarse Skewed
KURTOSIS ( $K$ ):	75.53	15.61	15.61	1.030	1.030	Mesokurtic

**GRAIN SIZE DISTRIBUTION**