

SIEVING ERROR: -0.8%

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

ANALYST &amp; DATE: ker, 8/24/2004

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:	390.0	1.364	GRAVEL: 0.1%	COARSE SAND: 10.1%		
MODE 2:			SAND: 99.9%	MEDIUM SAND: 83.3%		
MODE 3:			MUD: 0.0%	FINE SAND: 6.4%		
D <sub>10</sub> :	260.9	0.994		V FINE SAND: 0.1%		
MEDIAN or D <sub>50</sub> :	366.3	1.449	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D <sub>90</sub> :	502.2	1.938	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D <sub>90</sub> / D <sub>10</sub> ):	1.925	1.951	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D <sub>90</sub> - D <sub>10</sub> ):	241.3	0.945	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D <sub>75</sub> / D <sub>25</sub> ):	1.396	1.395	V FINE GRAVEL: 0.1%	V FINE SILT: 0.0%		
(D <sub>75</sub> - D <sub>25</sub> ):	121.8	0.482	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 ( $\bar{x}$ ):	378.5	364.5	1.456	364.4	1.457	Medium Sand
SORTING ( $\sigma$ ):	110.2	1.293	0.371	1.295	0.373	Well Sorted
SKENNESS ( $Sk$ ):	5.029	0.161	-0.161	-0.019	0.019	Symmetrical
KURTOSIS ( $K$ ):	89.42	5.424	5.424	1.044	1.044	Mesokurtic

**GRAIN SIZE DISTRIBUTION**