

SIEVING ERROR: -0.2%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **040708-3 ht**

ANALYST &amp; DATE: ker, 8/9/2004

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: 0.3%	COARSE SAND: 7.4%		
MODE 2:			SAND: 99.7%	MEDIUM SAND: 79.9%		
MODE 3:			MUD: 0.0%	FINE SAND: 12.1%		
D <sub>10</sub> :	241.0	1.050		V FINE SAND: 0.1%		
MEDIAN or D <sub>50</sub> :	331.9	1.591	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D <sub>90</sub> :	483.1	2.053	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D <sub>90</sub> / D <sub>10</sub> ):	2.005	1.956	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D <sub>90</sub> - D <sub>10</sub> ):	242.1	1.003	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D <sub>75</sub> / D <sub>25</sub> ):	1.447	1.404	V FINE GRAVEL: 0.3%	V FINE SILT: 0.0%		
(D <sub>75</sub> - D <sub>25</sub> ):	123.9	0.533	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 ( $\bar{x}$ ):	360.2	338.9	1.561	334.7	1.579	Medium Sand
SORTING ( $\sigma$ ):	201.3	1.347	0.430	1.310	0.389	Well Sorted
SKEWNESS ( $Sk$ ):	11.84	1.669	-1.669	0.078	-0.078	Symmetrical
KURTOSIS ( $K$ ):	187.1	13.88	13.88	1.002	1.002	Mesokurtic

**GRAIN SIZE DISTRIBUTION**