

SIEVING ERROR: 0.0%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **040708-4 lht**

ANALYST &amp; DATE: ker, 7/30/2004

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:	275.0	1.868	GRAVEL: 0.2%	COARSE SAND: 7.9%		
MODE 2:			SAND: 99.8%	MEDIUM SAND: 61.8%		
MODE 3:			MUD: 0.0%	FINE SAND: 29.8%		
D <sub>10</sub> :	211.6	1.057		V FINE SAND: 0.1%		
MEDIAN or D <sub>50</sub> :	291.5	1.778	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D <sub>90</sub> :	480.7	2.241	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D <sub>90</sub> / D <sub>10</sub> ):	2.272	2.120	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D <sub>90</sub> - D <sub>10</sub> ):	269.1	1.184	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D <sub>75</sub> / D <sub>25</sub> ):	1.547	1.440	V FINE GRAVEL: 0.2%	V FINE SILT: 0.0%		
(D <sub>75</sub> - D <sub>25</sub> ):	131.3	0.629	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 ( $\bar{x}$ ):	328.7	306.0	1.708	301.1	1.732	Medium Sand
SORTING ( $\sigma$ ):	169.1	1.401	0.486	1.378	0.462	Well Sorted
SKEWNESS ( $Sk$ ):	8.278	1.173	-1.173	0.189	-0.189	Coarse Skewed
KURTOSIS ( $K$ ):	120.2	7.219	7.219	1.002	1.002	Mesokurtic

**GRAIN SIZE DISTRIBUTION**