

SIEVING ERROR: 0.2%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **040708-12 lht**

ANALYST &amp; DATE: ker, 8/12/2004

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:	327.5	1.616	GRAVEL: 0.2%	COARSE SAND: 1.6%		
MODE 2:			SAND: 99.8%	MEDIUM SAND: 80.5%		
MODE 3:			MUD: 0.0%	FINE SAND: 17.6%		
D <sub>10</sub> :	228.9	1.305		V FINE SAND: 0.1%		
MEDIAN or D <sub>50</sub> :	304.4	1.716	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D <sub>90</sub> :	404.7	2.127	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D <sub>90</sub> / D <sub>10</sub> ):	1.768	1.630	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D <sub>90</sub> - D <sub>10</sub> ):	175.7	0.822	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D <sub>75</sub> / D <sub>25</sub> ):	1.335	1.275	V FINE GRAVEL: 0.2%	V FINE SILT: 0.0%		
(D <sub>75</sub> - D <sub>25</sub> ):	87.68	0.417	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 ( $\bar{x}$ ):	319.8	306.3	1.707	304.8	1.714	Medium Sand
SORTING ( $\sigma$ ):	151.1	1.280	0.356	1.239	0.310	Very Well Sorted
SKEWNESS ( $Sk$ ):	15.60	1.877	-1.877	0.014	-0.014	Symmetrical
KURTOSIS ( $K$ ):	329.0	19.76	19.76	0.991	0.991	Mesokurtic

**GRAIN SIZE DISTRIBUTION**