

SIEVING ERROR: -0.3%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **040708-10 lht**

ANALYST &amp; DATE: ker, 8/4/2004

SAMPLE TYPE: Bimodal, Moderately Well Sorted

TEXTURAL GROUP: Slightly Gravelly Sand

SEDIMENT NAME: Slightly Very Fine Gravelly Medium Sand

	$\mu\text{m}$	$\phi$	GRAIN SIZE DISTRIBUTION			
MODE 1:	231.0	2.119	GRAVEL: 0.5%	COARSE SAND: 9.8%		
MODE 2:	327.5	1.616	SAND: 99.5%	MEDIUM SAND: 50.1%		
MODE 3:			MUD: 0.0%	FINE SAND: 39.2%		
D <sub>10</sub> :	197.1	0.977		V FINE SAND: 0.1%		
MEDIAN or D <sub>50</sub> :	325.2	1.621	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D <sub>90</sub> :	508.0	2.343	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D <sub>90</sub> / D <sub>10</sub> ):	2.578	2.398	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D <sub>90</sub> - D <sub>10</sub> ):	310.9	1.366	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D <sub>75</sub> / D <sub>25</sub> ):	1.787	1.640	V FINE GRAVEL: 0.5%	V FINE SILT: 0.0%		
(D <sub>75</sub> - D <sub>25</sub> ):	177.9	0.837	V COARSE SAND: 0.3%	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 ( $\bar{x}$ ):	349.8	316.1	1.661	315.4	1.665	Medium Sand
SORTING ( $\sigma$ ):	237.0	1.490	0.575	1.439	0.525	Moderately Well Sorted
SKEWNESS ( $Sk$ ):	8.501	1.064	-1.064	-0.053	0.053	Symmetrical
KURTOSIS ( $K$ ):	103.0	7.239	7.239	0.808	0.808	Platykurtic

**GRAIN SIZE DISTRIBUTION**