

SIEVING ERROR: 0.0%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **040709-16 lht**

ANALYST &amp; DATE: ker, 8/3/2004

SAMPLE TYPE: Unimodal, Moderately Well Sorted    TEXTURAL GROUP: Slightly Gravelly Sand

SEDIMENT NAME: Slightly Very Fine Gravelly Coarse Sand

	$\mu\text{m}$	$\phi$	GRAIN SIZE DISTRIBUTION			
MODE 1:	550.0	0.868	GRAVEL: 0.5%	COARSE SAND: 48.7%		
MODE 2:			SAND: 99.5%	MEDIUM SAND: 45.1%		
MODE 3:			MUD: 0.0%	FINE SAND: 2.3%		
D <sub>10</sub> :	308.4	0.283		V FINE SAND: 0.1%		
MEDIAN or D <sub>50</sub> :	512.3	0.965	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D <sub>90</sub> :	821.6	1.697	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D <sub>90</sub> / D <sub>10</sub> ):	2.664	5.987	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D <sub>90</sub> - D <sub>10</sub> ):	513.2	1.414	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D <sub>75</sub> / D <sub>25</sub> ):	1.711	2.285	V FINE GRAVEL: 0.5%	V FINE SILT: 0.0%		
(D <sub>75</sub> - D <sub>25</sub> ):	273.6	0.775	V COARSE SAND: 3.3%	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 ( $\bar{x}$ ):	559.0	510.3	0.971	505.2	0.985	Coarse Sand
SORTING ( $\sigma$ ):	288.0	1.492	0.577	1.469	0.555	Moderately Well Sorted
SKEWNESS ( $Sk$ ):	4.610	0.480	-0.480	-0.032	0.032	Symmetrical
KURTOSIS ( $K$ ):	42.59	4.672	4.672	0.963	0.963	Mesokurtic

**GRAIN SIZE DISTRIBUTION**