

SIEVING ERROR: 0.1%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **040707-7-a lht**

ANALYST &amp; DATE: ker, 8/13/2004

SAMPLE TYPE: Unimodal, 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:	390.0	1.364	GRAVEL: 0.5%	COARSE SAND: 20.5%		
MODE 2:			SAND: 99.5%	MEDIUM SAND: 67.1%		
MODE 3:			MUD: 0.0%	FINE SAND: 10.6%		
D <sub>10</sub> :	245.3	0.755		V FINE SAND: 0.1%		
MEDIAN or D <sub>50</sub> :	387.9	1.366	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D <sub>90</sub> :	592.4	2.027	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D <sub>90</sub> / D <sub>10</sub> ):	2.415	2.684	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D <sub>90</sub> - D <sub>10</sub> ):	347.1	1.272	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D <sub>75</sub> / D <sub>25</sub> ):	1.567	1.622	V FINE GRAVEL: 0.5%	V FINE SILT: 0.0%		
(D <sub>75</sub> - D <sub>25</sub> ):	175.7	0.648	V COARSE SAND: 1.1%	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 ( $\bar{x}$ ):	426.4	390.6	1.356	386.4	1.372	Medium Sand
SORTING ( $\sigma$ ):	234.1	1.464	0.550	1.420	0.506	Moderately Well Sorted
SKEWNESS ( $Sk$ ):	5.955	0.753	-0.753	-0.014	0.014	Symmetrical
KURTOSIS ( $K$ ):	59.99	6.441	6.441	1.074	1.074	Mesokurtic

**GRAIN SIZE DISTRIBUTION**