

SIEVING ERROR: 0.3%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **040708-6c ss**

ANALYST &amp; DATE: ker, 8/6/2004

SAMPLE TYPE: Unimodal, 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: 1.6%	COARSE SAND: 57.4%		
MODE 2:			SAND: 98.4%	MEDIUM SAND: 37.0%		
MODE 3:			MUD: 0.0%	FINE SAND: 2.0%		
D <sub>10</sub> :	329.8	0.370		V FINE SAND: 0.0%		
MEDIAN or D <sub>50</sub> :	536.8	0.897	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D <sub>90</sub> :	774.0	1.600	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D <sub>90</sub> / D <sub>10</sub> ):	2.347	4.329	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D <sub>90</sub> - D <sub>10</sub> ):	444.1	1.231	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D <sub>75</sub> / D <sub>25</sub> ):	1.497	1.914	V FINE GRAVEL: 1.6%	V FINE SILT: 0.0%		
(D <sub>75</sub> - D <sub>25</sub> ):	213.5	0.582	V COARSE SAND: 2.0%	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 ( $\bar{x}$ ):	589.7	532.3	0.910	518.7	0.947	Coarse Sand
SORTING ( $\sigma$ ):	380.1	1.489	0.574	1.391	0.476	Well Sorted
SKEWNESS ( $Sk$ ):	5.466	1.173	-1.173	-0.133	0.133	Fine Skewed
KURTOSIS ( $K$ ):	39.95	8.367	8.367	1.163	1.163	Leptokurtic

**GRAIN SIZE DISTRIBUTION**