

SIEVING ERROR: 0.3%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **040708-11**

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

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:	327.5	1.616	GRAVEL: 1.5%	COARSE SAND: 16.4%		
MODE 2:			SAND: 98.5%	MEDIUM SAND: 68.2%		
MODE 3:			MUD: 0.0%	FINE SAND: 13.3%		
D <sub>10</sub> :	237.1	0.781		V FINE SAND: 0.0%		
MEDIAN or D <sub>50</sub> :	351.6	1.508	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D <sub>90</sub> :	581.8	2.077	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D <sub>90</sub> / D <sub>10</sub> ):	2.454	2.658	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D <sub>90</sub> - D <sub>10</sub> ):	344.7	1.295	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D <sub>75</sub> / D <sub>25</sub> ):	1.628	1.622	V FINE GRAVEL: 1.5%	V FINE SILT: 0.0%		
(D <sub>75</sub> - D <sub>25</sub> ):	176.2	0.703	V COARSE SAND: 0.4%	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 ( $\bar{x}$ ):	433.0	372.6	1.424	361.2	1.469	Medium Sand
SORTING ( $\sigma$ ):	423.9	1.549	0.631	1.420	0.506	Moderately Well Sorted
SKEWNESS ( $Sk$ ):	6.614	2.220	-2.220	0.142	-0.142	Coarse Skewed
KURTOSIS ( $K$ ):	50.01	12.24	12.24	0.960	0.960	Mesokurtic

**GRAIN SIZE DISTRIBUTION**