

SIEVING ERROR: 0.4%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **031106-6-c**

ANALYST &amp; DATE: ker/sdej, 7/28/2004

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: 1.2%	COARSE SAND: 61.1%		
MODE 2:			SAND: 98.8%	MEDIUM SAND: 35.3%		
MODE 3:			MUD: 0.0%	FINE SAND: 0.5%		
D <sub>10</sub> :	360.0	0.319		V FINE SAND: 0.0%		
MEDIAN or D <sub>50</sub> :	555.3	0.849	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D <sub>90</sub> :	801.6	1.474	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D <sub>90</sub> / D <sub>10</sub> ):	2.226	4.619	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D <sub>90</sub> - D <sub>10</sub> ):	441.5	1.155	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D <sub>75</sub> / D <sub>25</sub> ):	1.516	2.046	V FINE GRAVEL: 1.2%	V FINE SILT: 0.0%		
(D <sub>75</sub> - D <sub>25</sub> ):	228.7	0.600	V COARSE SAND: 1.9%	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 ( $\bar{x}$ ):	604.5	554.3	0.851	542.4	0.883	Coarse Sand
SORTING ( $\sigma$ ):	358.8	1.441	0.527	1.367	0.451	Well Sorted
SKEWNESS ( $Sk$ ):	6.108	1.253	-1.253	-0.088	0.088	Symmetrical
KURTOSIS ( $K$ ):	50.06	9.243	9.243	1.025	1.025	Mesokurtic

**GRAIN SIZE DISTRIBUTION**