

SIEVING ERROR: 0.1%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **1188-1314 B-II-5 S-2**

ANALYST &amp; DATE: ,

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:	302.5	1.747	GRAVEL: 2.2%	COARSE SAND: 3.5%		
MODE 2:			SAND: 97.7%	MEDIUM SAND: 55.2%		
MODE 3:			MUD: 0.0%	FINE SAND: 36.0%		
D <sub>10</sub> :	191.4	1.095		V FINE SAND: 0.4%		
MEDIAN or D <sub>50</sub> :	277.0	1.852	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D <sub>90</sub> :	468.1	2.385	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D <sub>90</sub> / D <sub>10</sub> ):	2.445	2.178	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D <sub>90</sub> - D <sub>10</sub> ):	276.7	1.290	FINE GRAVEL: 0.5%	FINE SILT: 0.0%		
(D <sub>75</sub> / D <sub>25</sub> ):	1.503	1.372	V FINE GRAVEL: 1.7%	V FINE SILT: 0.0%		
(D <sub>75</sub> - D <sub>25</sub> ):	111.9	0.587	V COARSE SAND: 2.6%	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 ( $\bar{x}$ ):	389.7	301.9	1.728	275.6	1.859	Medium Sand
SORTING ( $\sigma$ ):	507.8	1.710	0.774	1.497	0.582	Moderately Well Sorted
SKEWNESS ( $S_k$ ):	5.860	2.391	-2.391	0.236	-0.236	Coarse Skewed
KURTOSIS ( $K$ ):	42.33	11.76	11.76	1.678	1.678	Very Leptokurtic

**GRAIN SIZE DISTRIBUTION**