

SIEVING ERROR: 0.0%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **1188-1314 B-II-4 S-1**

ANALYST &amp; DATE: ,

SAMPLE TYPE: Unimodal, 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: 0.2%	COARSE SAND: 2.7%		
MODE 2:			SAND: 99.8%	MEDIUM SAND: 68.6%		
MODE 3:			MUD: 0.0%	FINE SAND: 27.9%		
D <sub>10</sub> :	198.0	1.176		V FINE SAND: 0.1%		
MEDIAN or D <sub>50</sub> :	291.7	1.778	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D <sub>90</sub> :	442.7	2.336	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D <sub>90</sub> / D <sub>10</sub> ):	2.235	1.987	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D <sub>90</sub> - D <sub>10</sub> ):	244.7	1.161	FINE GRAVEL: 0.0%	FINE SILT: 0.0%		
(D <sub>75</sub> / D <sub>25</sub> ):	1.446	1.349	V FINE GRAVEL: 0.1%	V FINE SILT: 0.0%		
(D <sub>75</sub> - D <sub>25</sub> ):	107.2	0.532	V COARSE SAND: 0.5%	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 ( $\bar{x}$ ):	319.1	295.5	1.759	291.4	1.779	Medium Sand
SORTING ( $\sigma$ ):	172.8	1.374	0.458	1.349	0.432	Well Sorted
SKEWNESS ( $S_k$ ):	11.64	1.326	-1.326	0.028	-0.028	Symmetrical
KURTOSIS ( $K$ ):	225.6	10.16	10.16	1.069	1.069	Mesokurtic

**GRAIN SIZE DISTRIBUTION**