

SIEVING ERROR: 0.1%

**SAMPLE STATISTICS**SAMPLE IDENTITY: **1188-1314 B-II-5 S-4**

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: 1.2%	COARSE SAND: 1.4%		
MODE 2:			SAND: 98.8%	MEDIUM SAND: 57.6%		
MODE 3:			MUD: 0.0%	FINE SAND: 38.2%		
D <sub>10</sub> :	189.8	1.453		V FINE SAND: 0.4%		
MEDIAN or D <sub>50</sub> :	270.5	1.886	V COARSE GRAVEL: 0.0%	V COARSE SILT: 0.0%		
D <sub>90</sub> :	365.3	2.397	COARSE GRAVEL: 0.0%	COARSE SILT: 0.0%		
(D <sub>90</sub> / D <sub>10</sub> ):	1.924	1.650	MEDIUM GRAVEL: 0.0%	MEDIUM SILT: 0.0%		
(D <sub>90</sub> - D <sub>10</sub> ):	175.5	0.944	FINE GRAVEL: 0.1%	FINE SILT: 0.0%		
(D <sub>75</sub> / D <sub>25</sub> ):	1.465	1.336	V FINE GRAVEL: 1.1%	V FINE SILT: 0.0%		
(D <sub>75</sub> - D <sub>25</sub> ):	102.0	0.551	V COARSE SAND: 1.3%	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 ( $\bar{x}$ ):	326.3	278.7	1.843	265.0	1.916	Medium Sand
SORTING ( $\sigma$ ):	335.4	1.518	0.602	1.321	0.401	Well Sorted
SKEWNESS ( $Sk$ ):	7.466	2.635	-2.635	0.022	-0.022	Symmetrical
KURTOSIS ( $K$ ):	69.34	17.39	17.39	1.030	1.030	Mesokurtic

**GRAIN SIZE DISTRIBUTION**